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FCC Statement

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Increase the separation between the equipment and receiver.
Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
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Introduction

Introducing the ThinClient

ThinClient Windows Based Terminals are designed to access any Windows application such as Microsoft Word, Excel or PowerPoint residing on Windows Terminal Server. ThinClient is easy to implement and built with user-friendly interface. Simply plug a ThinClient onto the network, configure ThinClient, and then connect to Windows Terminal Server to run Windows applications. ThinClient supports RDP (Remote Desktop Protocol) and Citrix ICA (Independent Computing Architecture). Built with extreme flexibly, ThinClient can connect to one or more Windows NT-based Servers via RDP, Citrix MetaFrame or WinFrame capable with ICA.

Features of ThinClient TC-620 Series

Model	TC-600 Thin Client
Processor	
CPU	VIA Luke 800Hz/1GHz
Memory	
RAM	One SDRAM 144pin DIMM 128MB up to 512MB
DOM	One Disk on chip flash ROM 32MB up to 144MB
Standard Interface	
VGA	up to 2048×1536x32bit ture color, VESA monitor support with DDC
LAN	One 10/100BaseT fast Ethernet port, twisted pair RJ45
Wireless LAN	USB Wireless LAN 802.11b/g (Option)
Smart Card	One Smart Card (Option)
PS2	Support PS2 KB, Mouse
Serial	Two RS232, 9Pin DSUB COM1, COM2
Parallel	25Pin DSUB
USB Port	2 x USB 2.0 Ports (Front), 2 x USB 2.0 Ports (Back)
Audio Line Out	1/8inches mini, full 18bit stereo, 44KHz sample rate
Power System	
Connector	2 Pin Jack 5V DC.
AC/DC Adapter	Input AC 100/240 Volt, 50~60Hz. Output 12VCD, 4.2A
Physical Mechanical	
Dimension	220 mm (H) x 45 mm (W) x 155 mm (D)
Client Side System Software	
OS System	Microsoft Windows CE 5.0
Terminal Emulations Supports SSH (Option)	IBM: 3270, 5250 for Display and Printer
	Digital: VT52, VT100, VT220-7, VT220-8, VT320-7, VT320-8, VT420-7, VT420-8, VT525-7, VT525-8
	ANSI: SCO ANSI, BBS ANSI, AT 386, AIXTERM, LINUX, XTERM, WYSE 370
	General Terminals: TANDEM, HP, DG, SIEMENS, IBM 3151
	ASCII Terminals: WYSE 50, WYSE 50+, WYSE 60, TVI 910+, TVI 920, TVI 925, TVI 950, TVI 955, ADDS VP A2, HZ 1500
Local Browser	IE 6.0
Connectivity	Microsoft Remote Desktop Protocol, RDP5.5
	Citrix ICA Protocol, ICA 9.0
Server Side System Software	

Management Tool	AXUS ThinClient Remote Manager

Hardware Setup

Unpacking & Checking the Equipment

Before unpacking the ThinClient, prepare a clean, stable surface to put the contents of your ThinClient shipping container on. You should find following items in the ThinClient package:

The ThinClient TC620
One AC Adapter
A Power Cord
A Stand for your ThinClient
User's Manual
*A PS/2 Keyboard with cable
*A PS/2 Mouse with cable

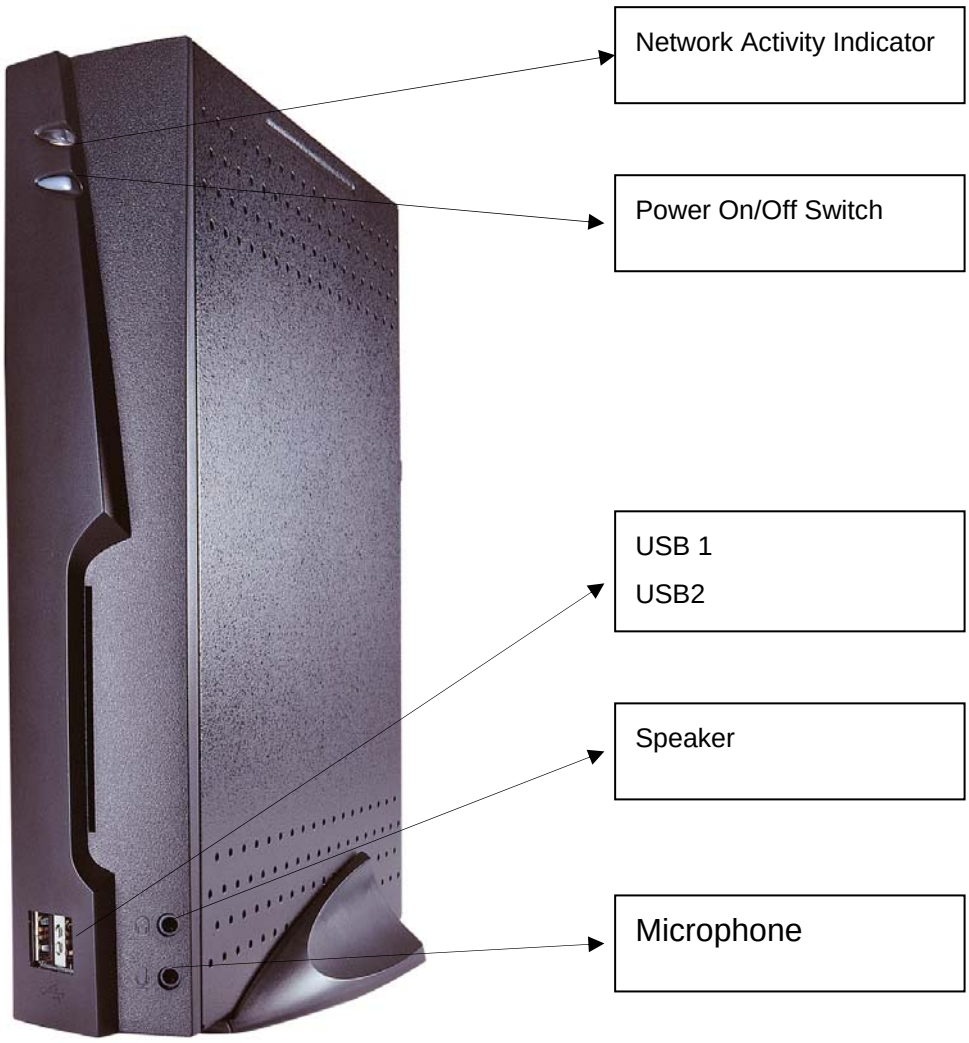
The ThinClient TC820
One AC Adapter
A Power Cord
User's Manual
PS/2 Mouse, Keyboard spilt cable
*A PS/2 Keyboard with cable
*A PS/2 Mouse with cable

Notice:
*PS/2 Keyboard and Mouse are optional items.

Identify Parts of the ThinClient TC620

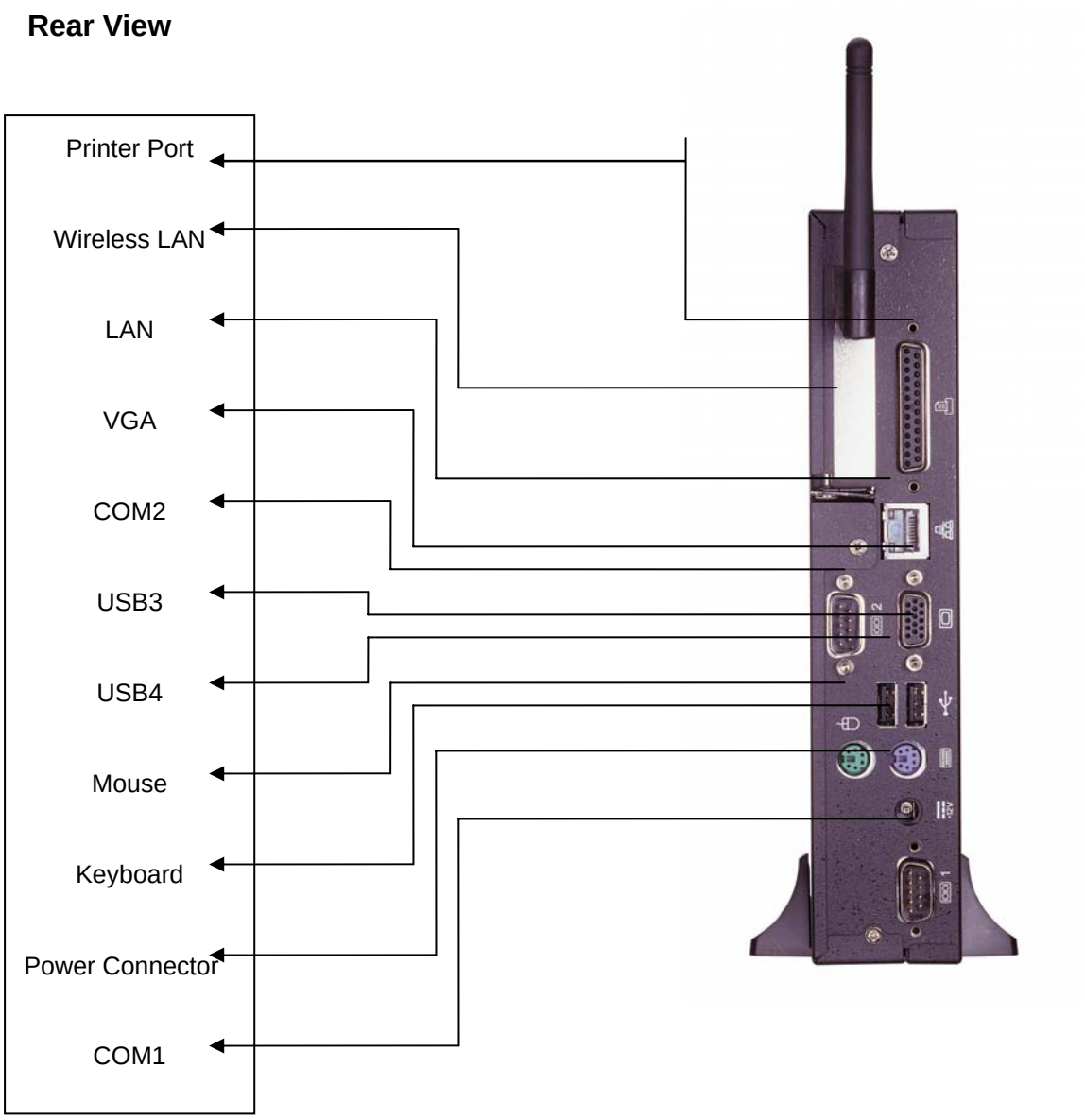
The following illustration identifies the various features of the ThinClient TC620.

Front View



Power On/Off Switch (The Power On/Off Switch turns your ThinClient on or off. Push it in for on, out for off) Network Activity Indicator (Yellow lights when your ThinClient is sending data through a network) Power Indicator (Green lights when your ThinClient is connected to a power source and is turned on)

Rear View



Network , RJ-45 jack for a 10/100BaseT twisted pair Ethernet connector.

Video, standard DB-15 VGA type connector for Monitor.

Parallel, standard DB-25 parallel port for printer.

COM1, DB-9 RS232 port, for external modem, touch screen .

COM2, DB-9 RS232 port.

USB1, Universal Serial Bus connector.

USB2, Universal Serial Bus connector.

Mouse, PS/2 type mouse connector.

Keyboard, PS/2 type keyboard connector.

Power, Power Connector

Connecting the Terminal

Before connecting the cables, arrange your ThinClient and monitor in your work area. Be sure not to block the ventilations around ThinClient and Monitor.

Plug the AC power core into the power adapter, then into AC power source.
Connect the adapter cable to power connector
Connect the keyboard cable to keyboard connector.
Connect the mouse cable to mouse connector.
Connect the monitor video cable to video connector.
Connect the monitor power cable to the AC power source.
Connect the 10/100Base-T twisted pair network cable to network connector.
If you have a local printer, connect its cable to parallel port.
If you have microphone, plug its cable into microphone port.
If you have headphone or speaker, plug its cable into headphone port.

Using the Power On/Off Switch

After the cables are all connected, you are now ready to turn it on by pressing power On/Off switch.
To turn on your ThinClient, push the power On/Off switch in. The power indication light will be led.
To turn off your ThinClient, push the power On/Off switch again and hold for 4 seconds so that it returns to its extended position. The power indication light will be off.

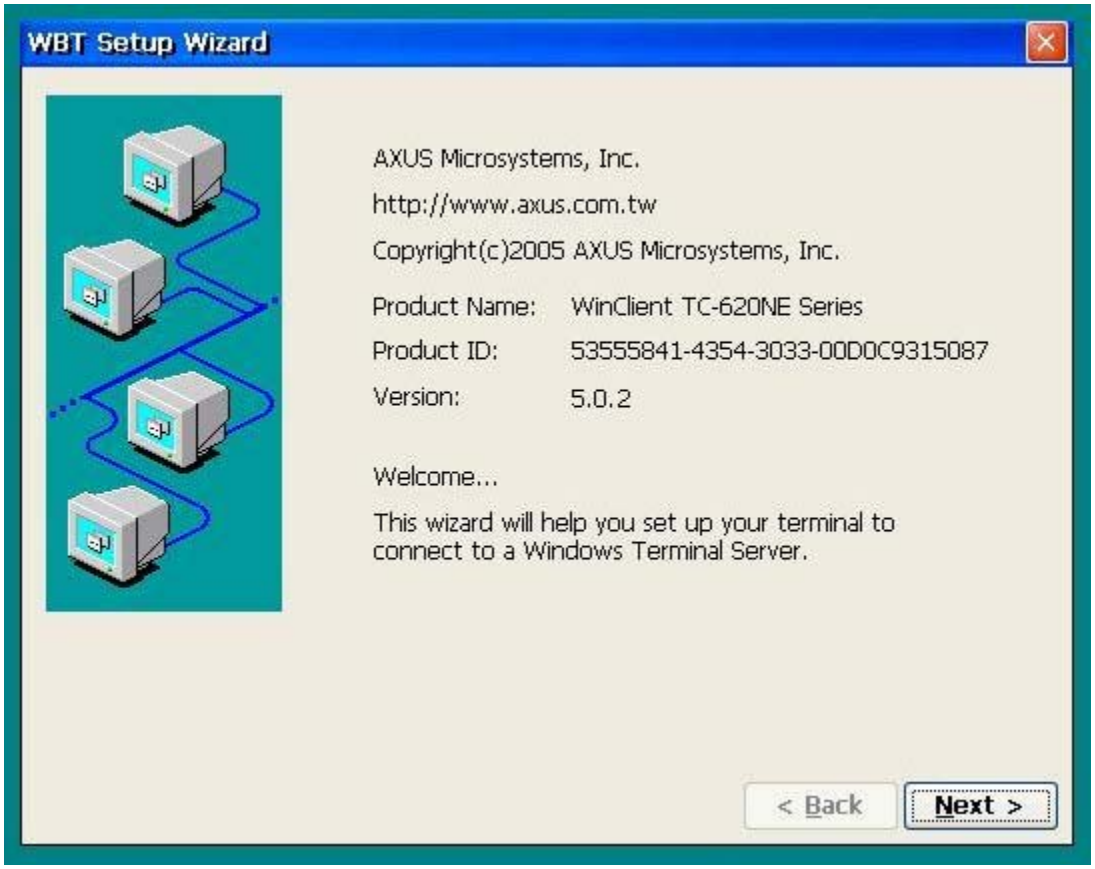
START UP

Quickly Configure Your ThinClient

After completing the hardware setup, the ThinClient must be configured before it is ready to use. This chapter guides you through the most easy and quick way to configure your WinClinet. Quick configuring your ThinClient can be accomplished through following steps:

Turn on your ThinClient.
The Welcome setup wizard dialog box is first dialog box when you turn on your terminal for the first time. Click on the [**NEXT**] button in the dialog box to display the next setup wizard dialog box.

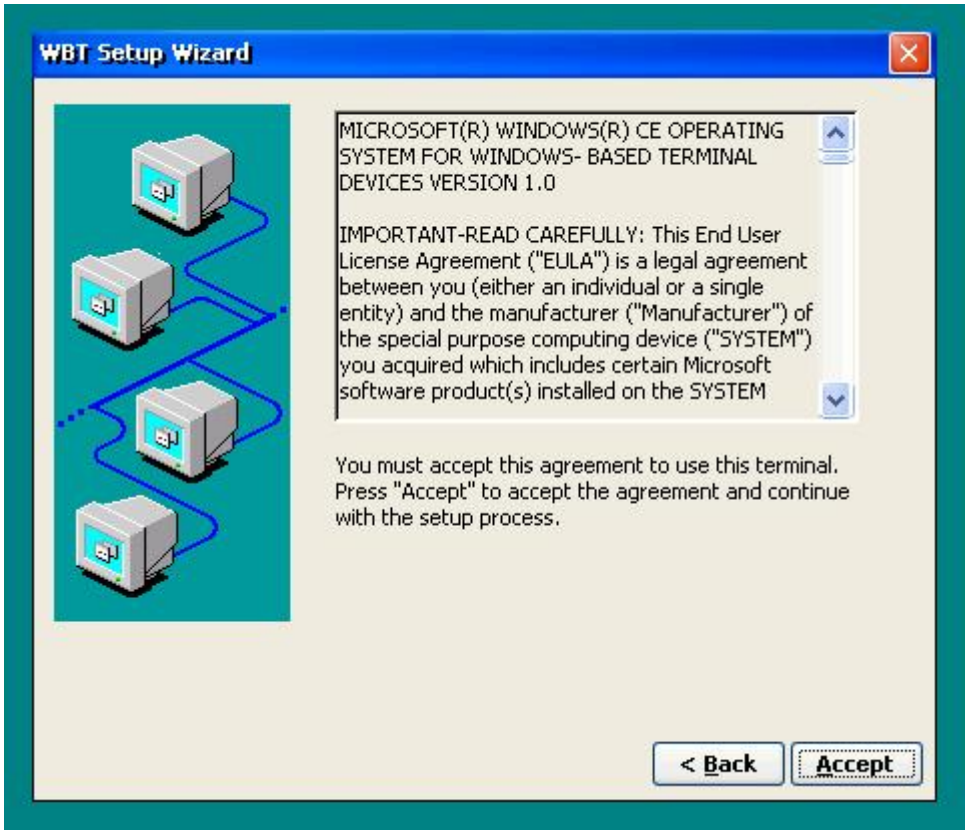
Welcome


WBT Setup Wizard
AXUS Microsystems, Inc.
http://www.axus.com.tw
Copyright(c)2005 AXUS Microsystems, Inc.
Product Name: WinClient TC-620NE Series
Product ID: 53555841-4354-3033-00D0C9315087
Version: 5.0.2
Welcome...
This wizard will help you set up your terminal to connect to a Windows Terminal Server.
< Back
Next >

Setup Wizard Step 1

The End User License Agreement setup wizard dialog box is the next dialog box. Read the license agreement carefully. If you accept the agreement to use this terminal, click on the [ACCEPT] and continue with setup process.

End User License Agreement


WBT Setup Wizard
MICROSOFT(R) WINDOWS(R) CE OPERATING SYSTEM FOR WINDOWS- BASED TERMINAL DEVICES VERSION 1.0
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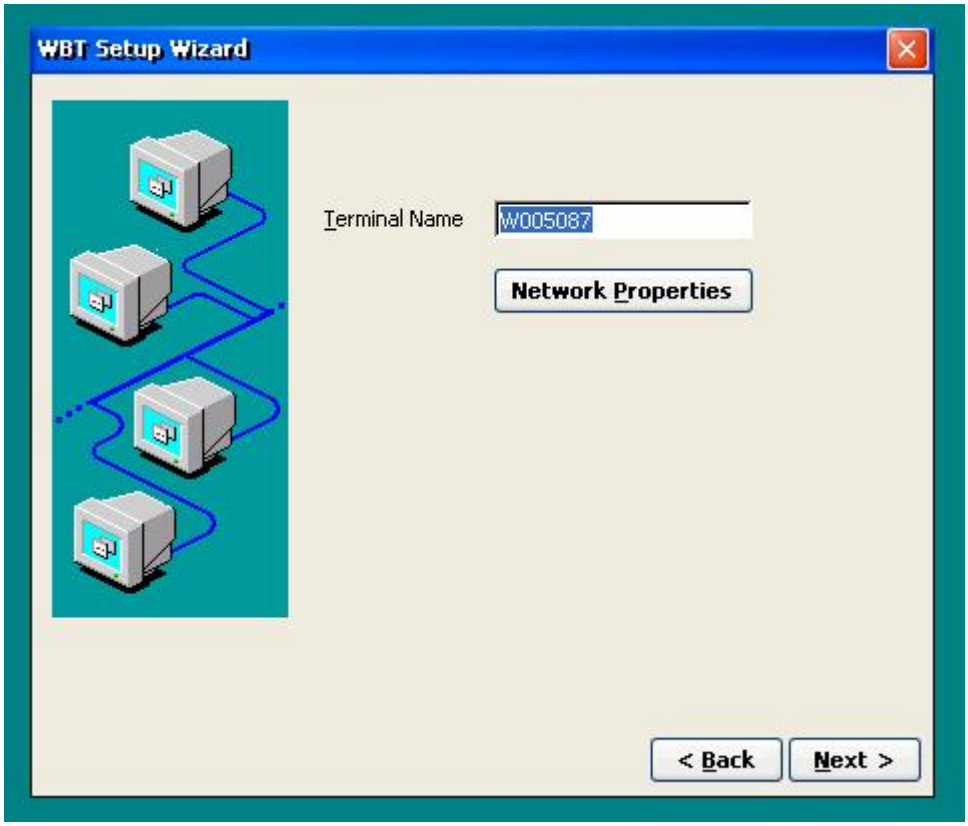
You must accept this agreement to use this terminal. Press "Accept" to accept the agreement and continue with the setup process.
< Back
Accept

Setup Wizard Step 2

The following dialog box allows you to name your Thinclient. Also, it allows you to configure your Network settings (For details of setting up the Network, please refer to Network Settings Properties page 51).

Naming Your ThinClient



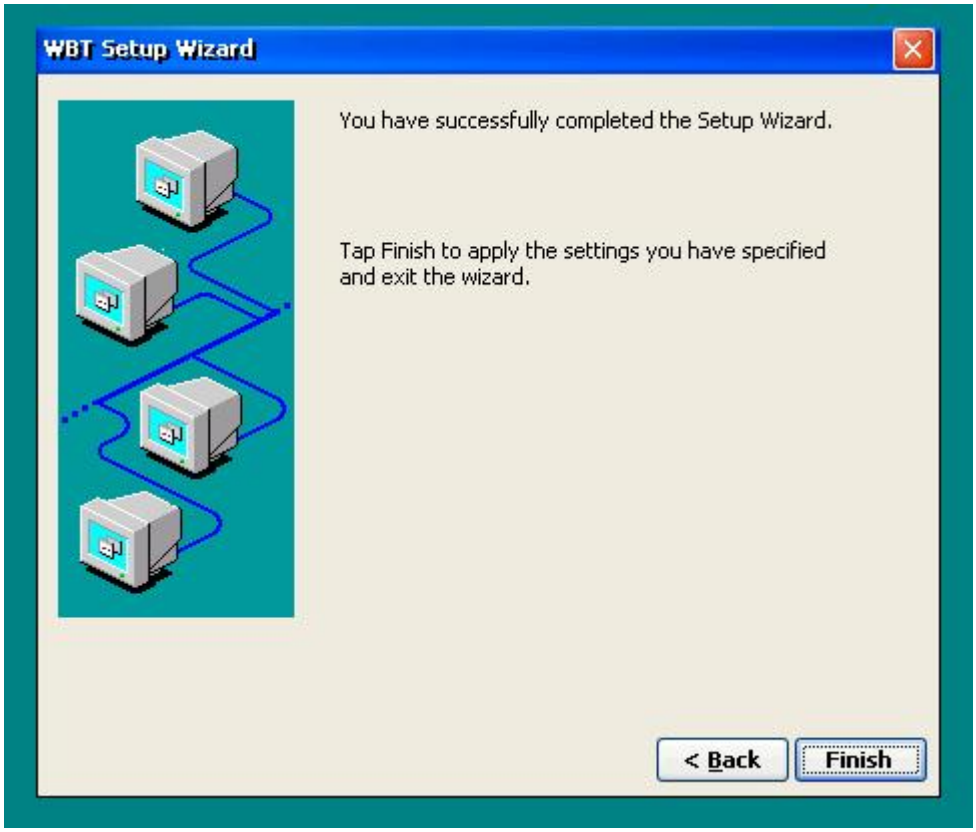
Setup Wizard Step 3

Printers, Security, Owner, Date, Regional, Display and Line Printer are all part of this panel.

Printers – allows user to choose printer port and configure a compatible printer to be connected with ThinClient.
Security – allows user to put a password to protect this ThinClient. At power on, Screen Saver resume, F2 properties panel can all be protected by this function. Connection manager can also be hidden to prevent more connections being made by using this option.
Owner – allows the rightful owner of this client to input personal information and network identification on the ThinClient.
Date/Time – allows ThinClient to be adjusted to the current local time.
Regional Settings – allows ThinClient to be regionalized. The settings within consist of locale, Interface language, input language.
Display Properties – allows user to adjust desktop area and resolution of the ThinClient. **Caution**: Always click perform test settings before clicking on ok.
Line Printer – allows LPD to be enabled and share printer with UNIX based server/client.

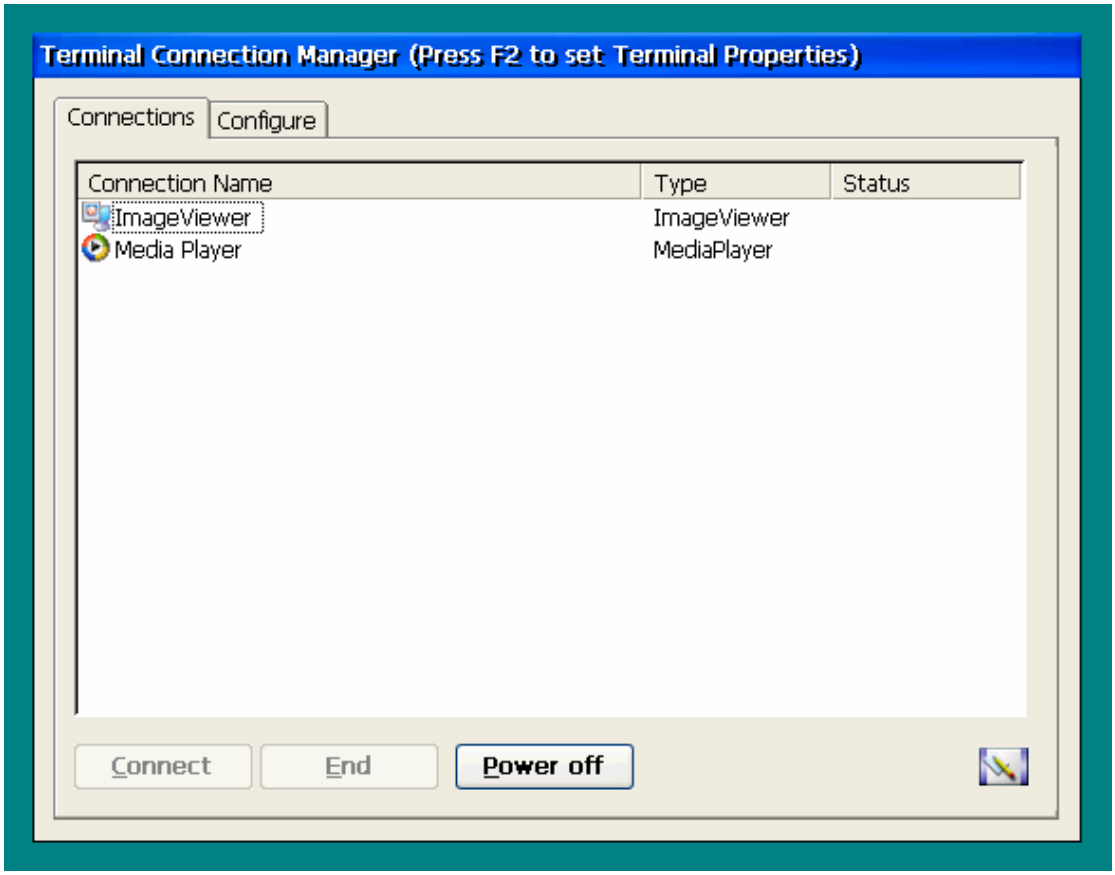
Finalized

You are now ready to run your ThinClient


WBT Setup Wizard
You have successfully completed the Setup Wizard.
Tap Finish to apply the settings you have specified and exit the wizard.
< Back
Finish

Terminal Connection Manager

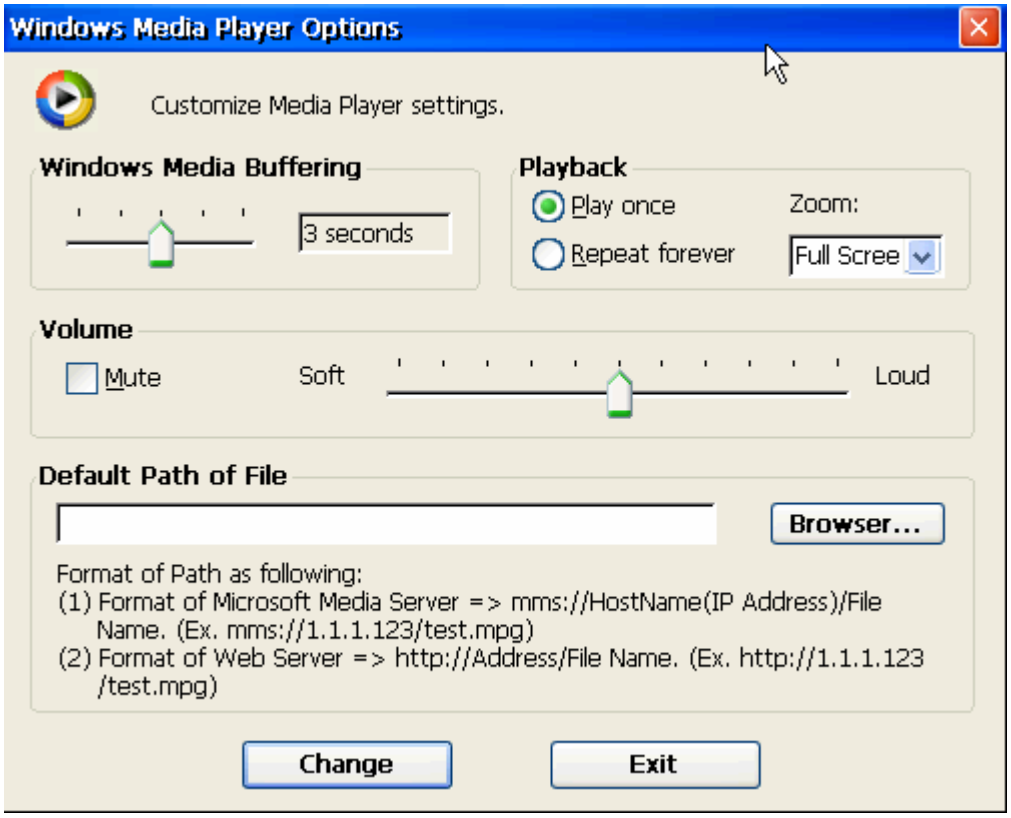
This will be the main screen of your ThinClient. It could also be the most important screen that ThinClient has to offer.



Default Connection

Media Player

Media Player enables user to open a steam media and play it. User can specify the location of media file which he would like to play. It allows the path of internet or external storage such as USB Disk.



- Windows Media Buffering:

To specifies the buffering time (up to 5 seconds). The longer the buffer time, the longer it takes for streaming content to begin playing.

- Playback:

Play once: the selected media file will be played once.

Repeat forever: When repeat is turned on, a selected media file can be played repeatedly.

Zoom: There are four types to view a selected media file

Full Screen: view a video using the entire screen.

50%: Screen zooms to 50%

100%: Screen zooms to 100%
200%: Screen zooms to 200%

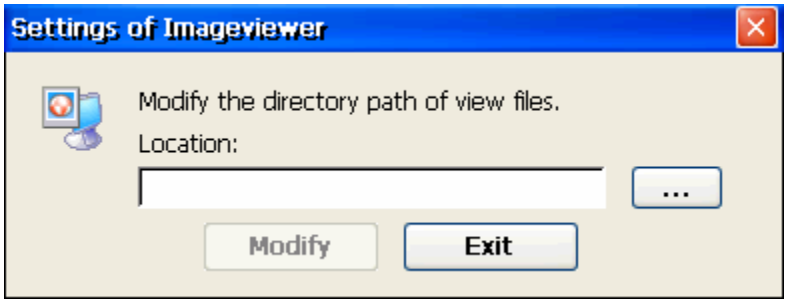
- Volume: enable user to adjust volume or mute.
- Default path of file: Select the media file to play from external storage, or network using HTTP or MMS format.

For instance of HTTP: http://1.1.1.1/play.mpg.
For instance of MMS: mms://1.1.1.1/play.mpg

Imager Viewer

User can view the picture or images using Imager Viewer. To specify the folder to show pictures or images, where you can:

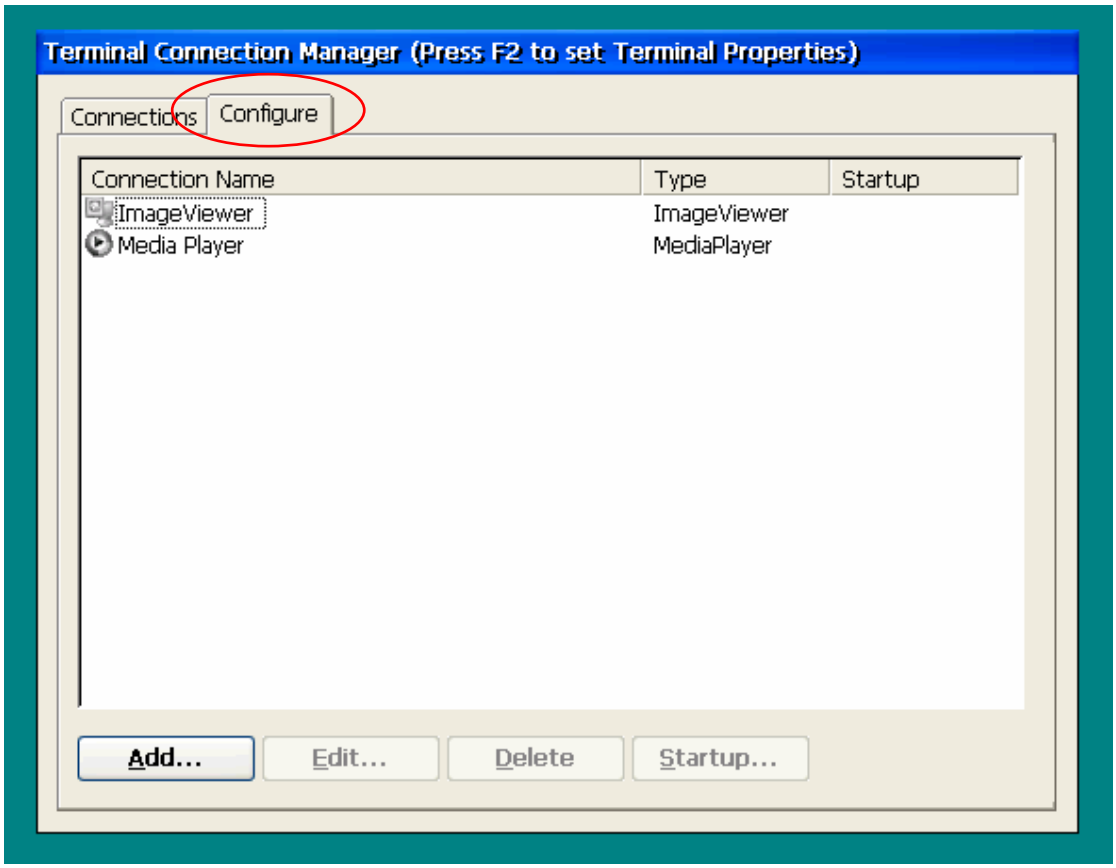
- Scroll through the images in the folder.
- Increase or decrease the image preview size.
- View the image in full size or as the best fit for your window.
- View a slide show of all your images, or select the set of images you'd like to view in a slide show.
- Rotate images right or left by 90 degrees.



Adding a new connection

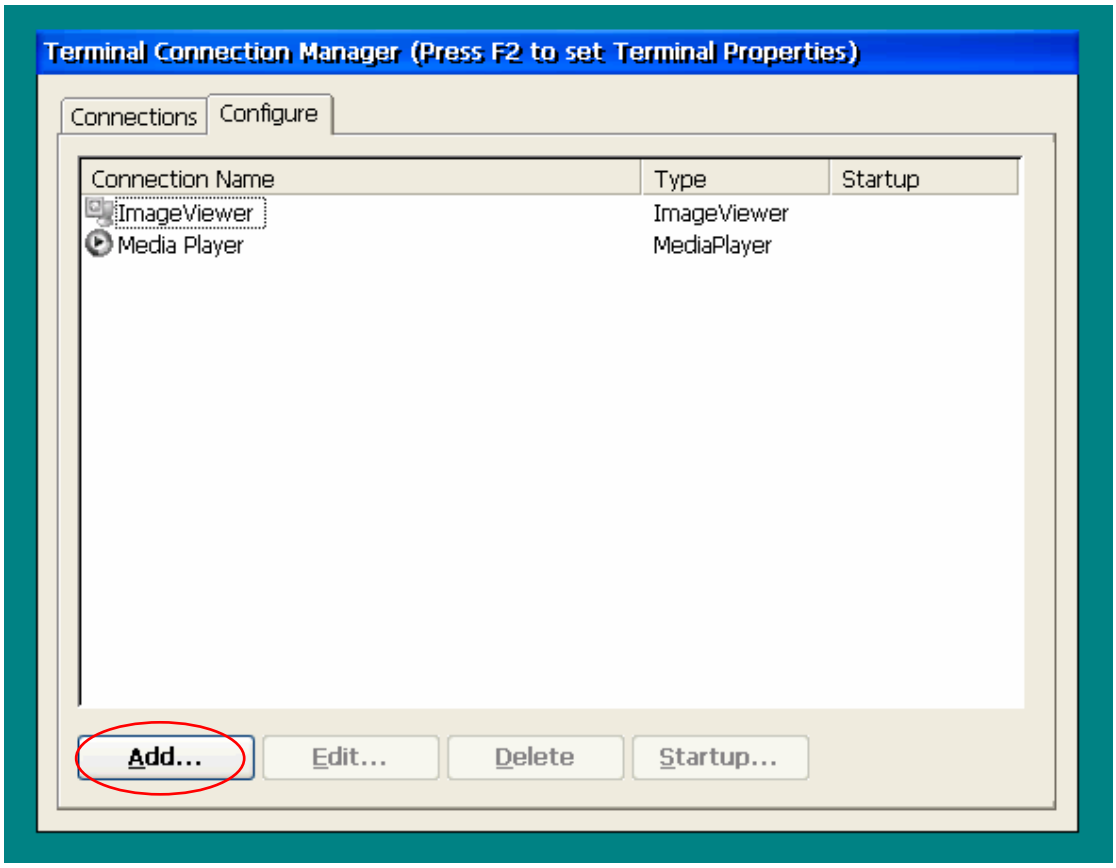
Step 1

Click on [**Configure**] tab



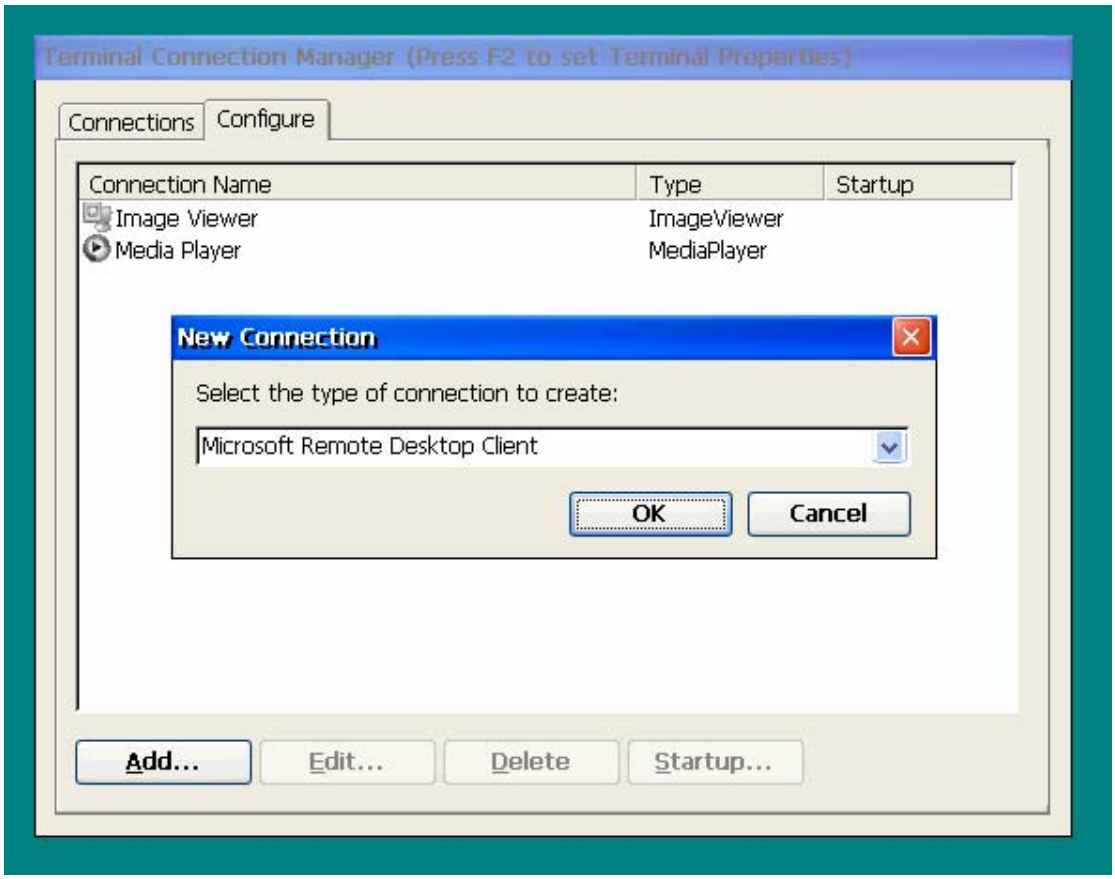
Step 2

Click on [**Add**] button



Step 3

A popup window should appear there will be many different types of connection for you to choose from.



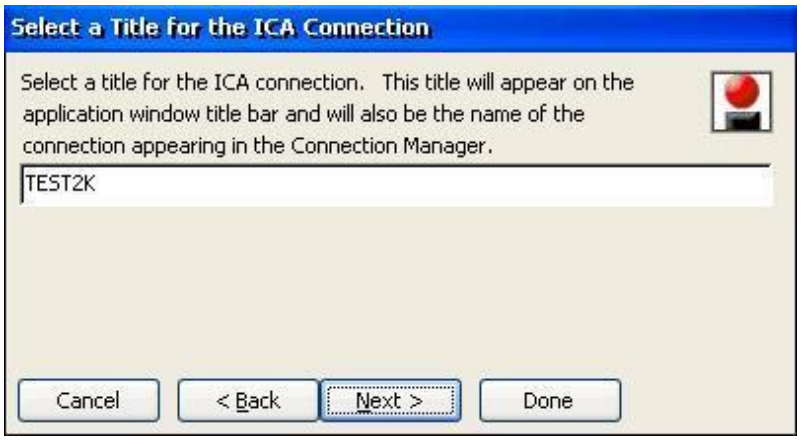
List of types of connections allowed.

RDP Connection
Internet Explore Connection
Citrix ICA Client
Dial-Up Connection
Ericom PowerTerm (for NE model only)
PPP over Ethernet (PPPoE)
Virtual Private Network (L2TPVPN)
Virtual Private Network (PPTPVPN)
Direct Connection

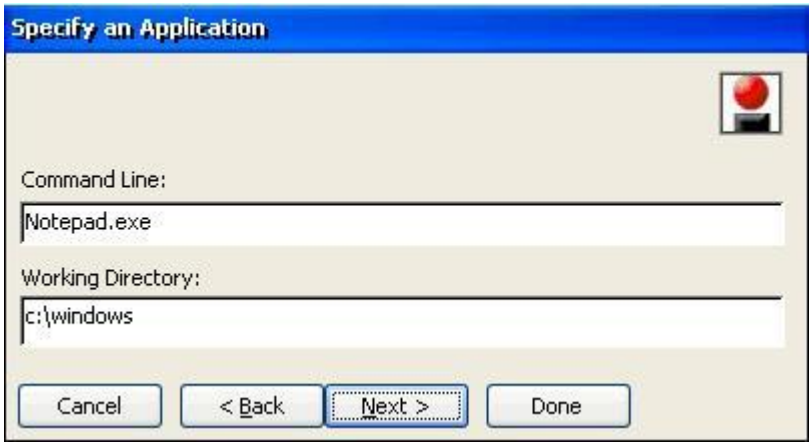
Creating a new ICA Client Connection

First select ICA client connections then the following window will popup.
Click on [**Refresh**] to search for available ICA server within the network.
Select the available ICA on the network and click on [**Next**]

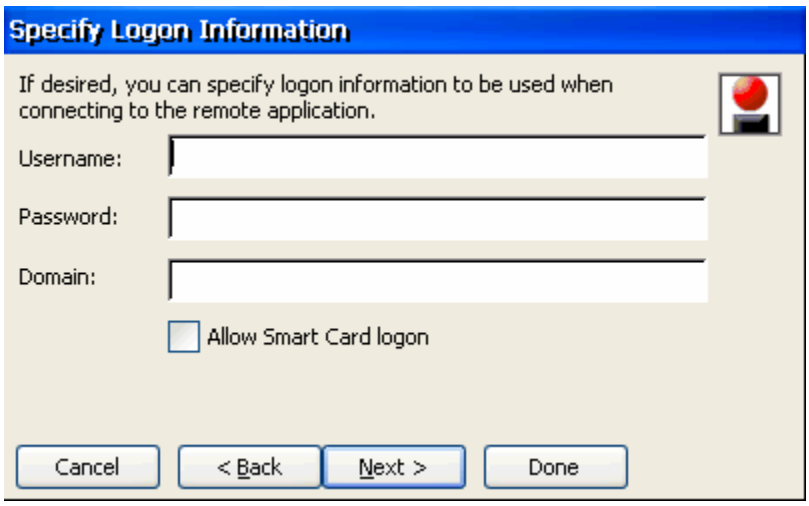
Now you will be prompted to enter a name or tile for this connection.
Once you have decided on the name then click on [**Next**]


Select a Title for the ICA Connection
Select a title for the ICA connection. This title will appear on the application window title bar and will also be the name of the connection appearing in the Connection Manager.
TEST2K
Cancel
< Back
Next >
Done

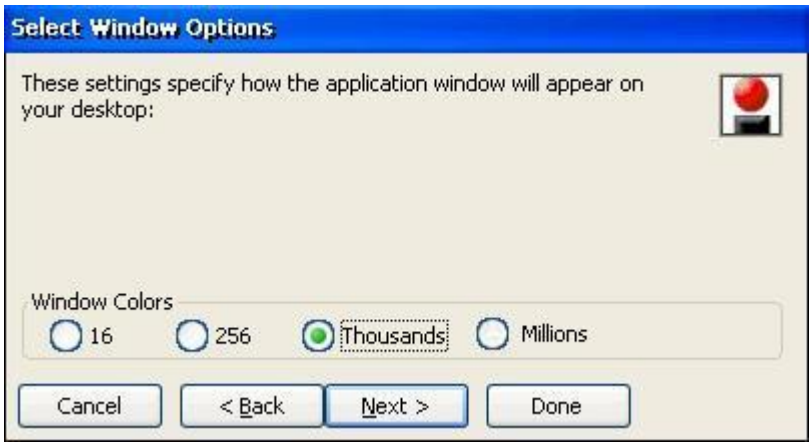
The next screen specifies an application will allow programs to be executed at logon of a user. Use the file name as the command line and working directory will be use to locate the file. You may choose to leave it blank and click on [**Next**].



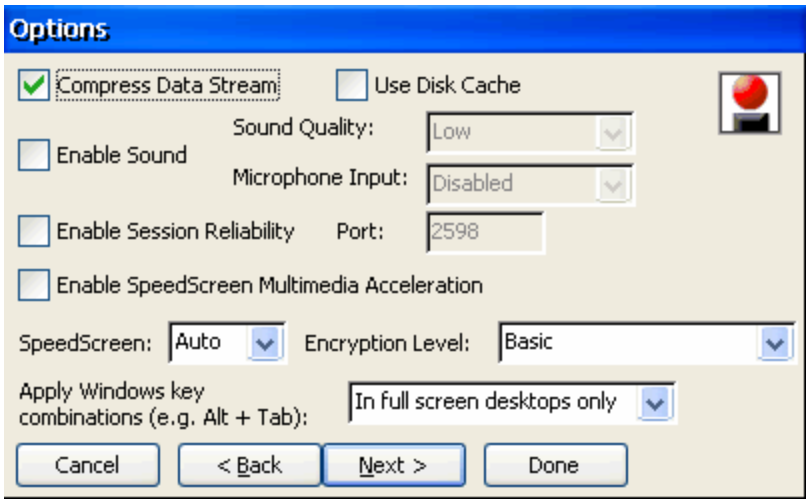
Now at the following screen you will be able to enter a set of user name and password to enable automatic logon at connect. You may also choose to leave this part black and click on [**Next**].



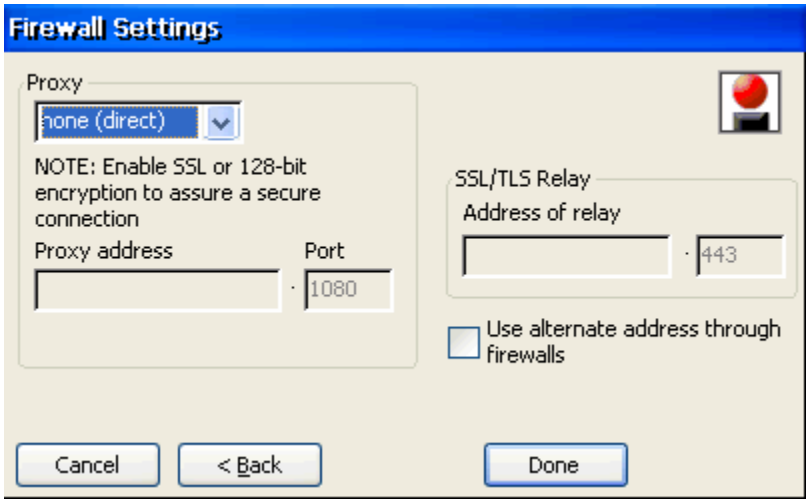
At this screen you will be able to manually configure settings to specify how the application window will appear on the desktop. Select a color then click on [**Next**]



Security configuration and sound will be a on the next screen. Once settings are properly configured, and then click on [**Next**].

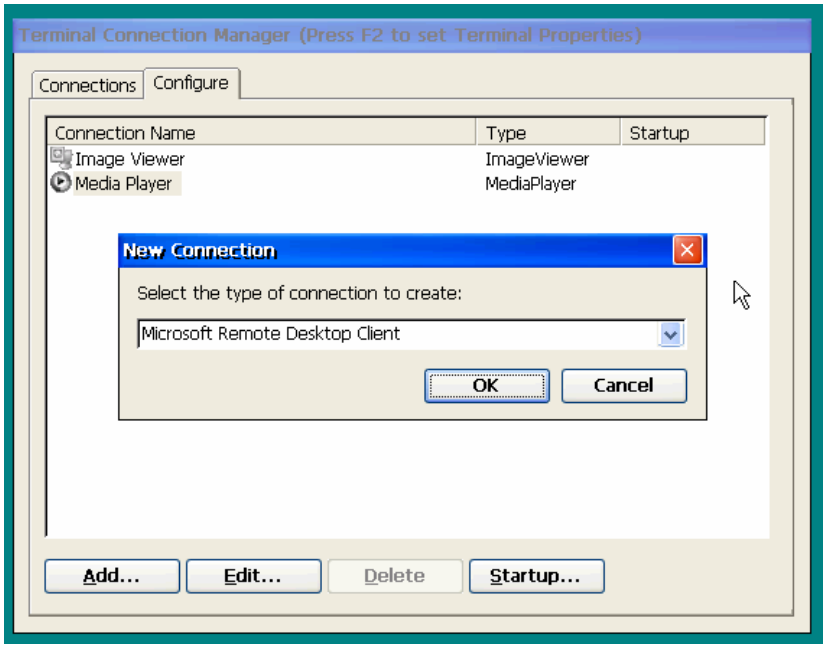


This section is for advance users or administrator only, to configure the firewall and proxy settings. If you are unsure what each field's purpose and impact, please contact your network administrator for help. For most networks you can go ahead and click on [**Done**] leaving this section untouched.

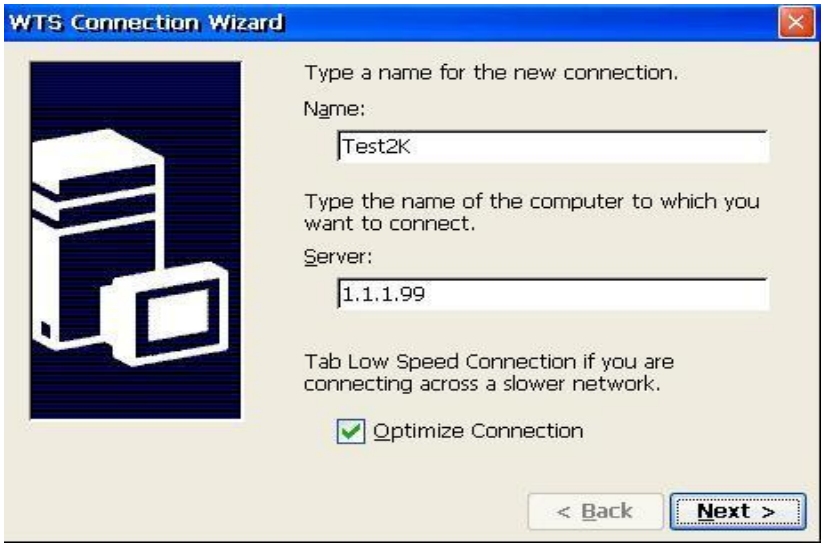


Creating a new RDP Connection

RDP connection can be created by selecting the [**Configure**] tab then click on [**add**].



A pop up window will allow you to choose [Microsoft Remote Desktop Client]. After RDP is selected the following screen will appear. Now you are ready to key in a name for the connection and a host IP for the Thinclient to connect.


WTS Connection Wizard
Type a name for the new connection.
Name:
Test2K
Type the name of the computer to which you want to connect.
Server:
1.1.1.99
Tab Low Speed Connection if you are connecting across a slower network.
Optimize Connection
< Back
Next >

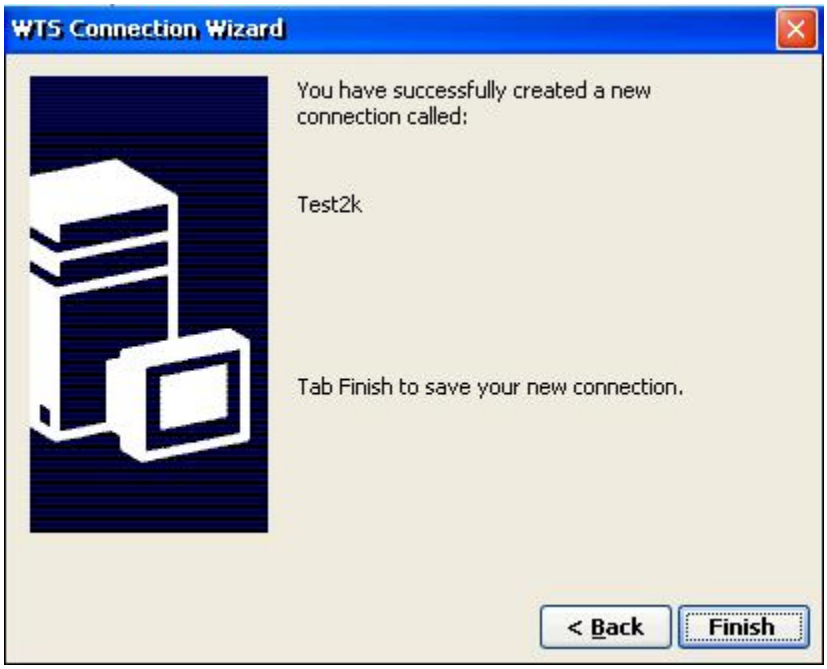
The automatically log onto screen will allow you to use a pre-configured client and use that set of client to logon to the server every time when the connection is made. You may also choose to leave this part blank and click on [**Next**] to continue.

WTS Connection Wizard
If you want to automatically log onto the server, Tab Automatic Logon and enter your user name, password and domain. Otherwise, you will be prompted for this information each time you choose the connection.
Automatic Logon
Username:
Password:
Domain:
< Back
Next >

Upon connection, the Windows desktop is displayed by default. To start an application when you connect, select [**Application file name**] and specify an application and its residing directory then click on [**Next**]. You may choose to leave this part blank, and then by default user's desktop will be at display upon connection. Click on [**Next**] to continue.

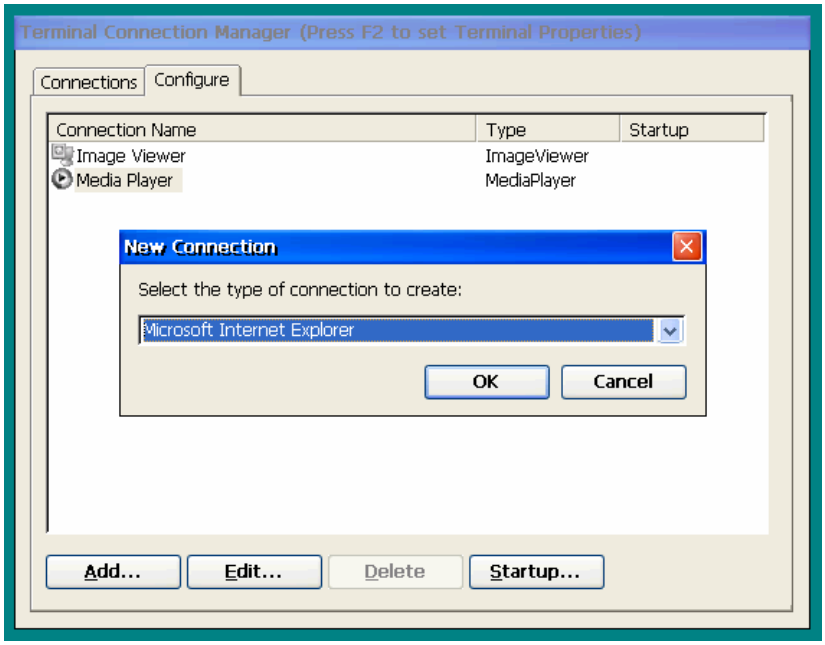
WTS Connection Wizard
On connection, the Windows NT desktop is displayed by default.
To start an application when you connect, select Application file name and type its name.
Desktop
Application file name:
Desktop
When you specify an application, you can also specify a working directory.
Working directory:
< Back
Next >

Now you are done with the connection and ready to connect.



Creating a Internet Explorer Connection

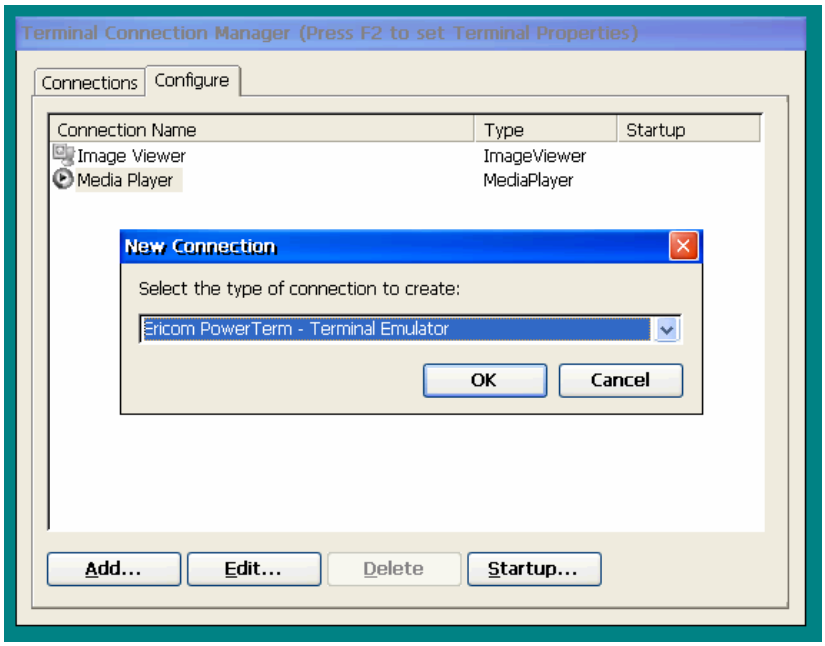
At the main screen first click on the [**Configure**] tab and select [**Add**] at the lower left hand corner to create a new connection. After you click on add a window should pop up asking what type of connection wish to be created. Now you make select Microsoft Internet Explore and click on [**OK**].



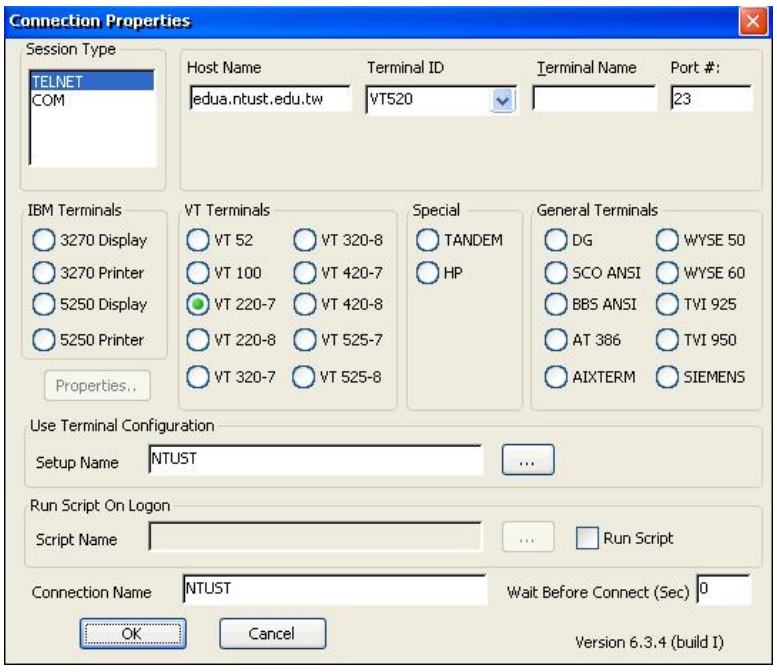
Now you will be prompted to enter the connection name and the starting page and an internet search engine. Once done entering all the information then click on [**New\Add**] to continue.

Creating a Terminal Emulator

A terminal connection can be added by selecting the Ericom Power Term.



Connection properties will appear after OK was clicked. To make a connection a host name must entered. The connection name at the very bottom will be the connection at the main connection screen. In this case we have NTUST as the connection name.

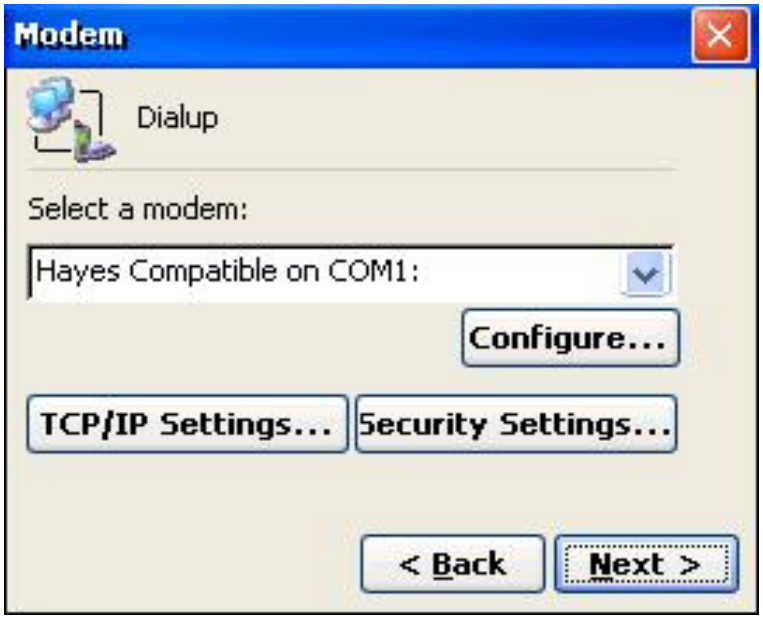


Creating a Dial-Up Connection

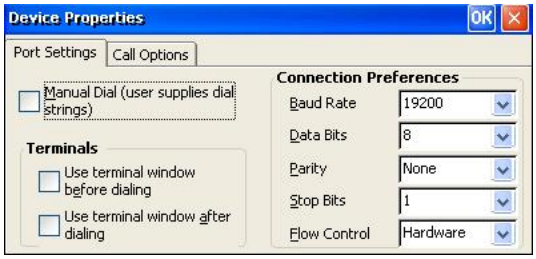
Dial-up connection page let you configure your Modem and dial up to a RAS Server. The communication between the system and the clients is connected through dial-up modem. First you will be prompted to key in the name of this connection then click on [**Next**] to continue.

Make New Connection
Type a name for the connection:
Dialup
Select the connection type:
Connect to the Internet using my phone line (modem).
< Back
Next >

Select the serial port or modem to use. This field will depend on whichever serial port modem is connected to. TCP/IP is important when using a dialup connection. To establish connection properly, always remember to key-in your DNS server IP address. Click on [**Next**] once all the settings are properly configured.



If you would like to change serial port settings or TCP/IP settings to the RAS connection, click on “Configure or TCP/IP Settings” buttons respectively, and within configure device properties you can adjust the Port Settings and the Call Options to your standard requirement.



[**Configure Modem**] Properties

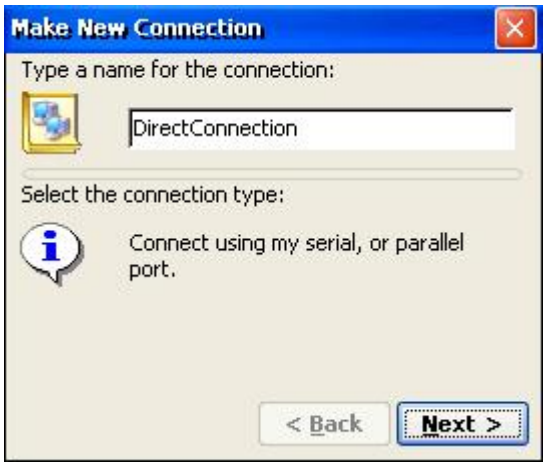
[**TCP/IP**] settings.

For advance dialup connection data can be encrypted. ThinClient provides different types of encryption and these properties provide administrator or users more security level choices to access ThinClient.

Phone number window allows area code and phone number to be entered.

Creating a Direct Connection

The communication between the server and the clients is connected through a serial port. First users will be prompted to enter a name for this connection. Once name is key in then click on [**Next**] to continue to the next page of setup. The second step is to select the port used to communicate. Once again, the serial port can be configured and TCP/IP can be given. For instructions on configure the serial port, TCP/IP settings, and Security Settings, please refer to page 36 of this manual.

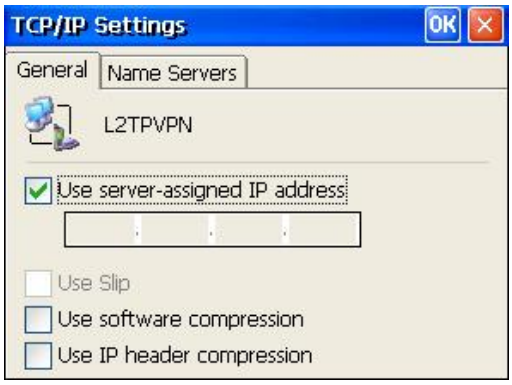

Make New Connection
Type a name for the connection:
DirectConnection
Select the connection type:
Connect using my serial, or parallel port.
< Back
Next >

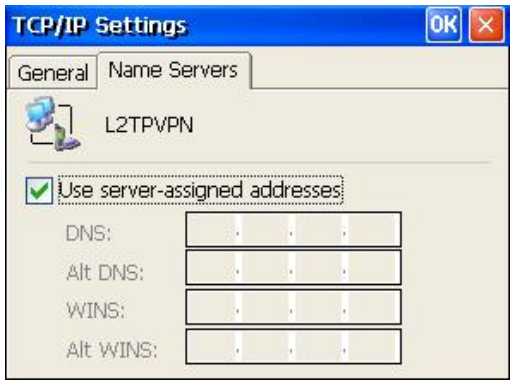
Creating a Virtual Private Network Connection

The communication is connected through an established virtual channel between the server and the client itself in the entire network. There are two types of VPN. Please contact your Network Administrator if you are unsure which one you should select.
Same as always, we must give a name to this connection and click on [**Next**].
Key in the host name or IP address of the server you wish to connect.

Make New Connection
Type a name for the connection:
L2TPVPN
Connect to a private network through the Inetnet :
Create a Virtual Private Network (L2TPVPN) connection or channel through the Inetnet.
< Back
Next >

In order to have a proper connection, TCP/IP must be configured correctly.
The security settings maybe also configured.





Creating a PPPoE connection

PPPoE is mostly used to make connections with modern DSL. To create a PPPoE connection, first at the main connection manager page and select [**Configure**] tab from the top. Once you are in the configure screen, click on [**Add**] to create a new connection.

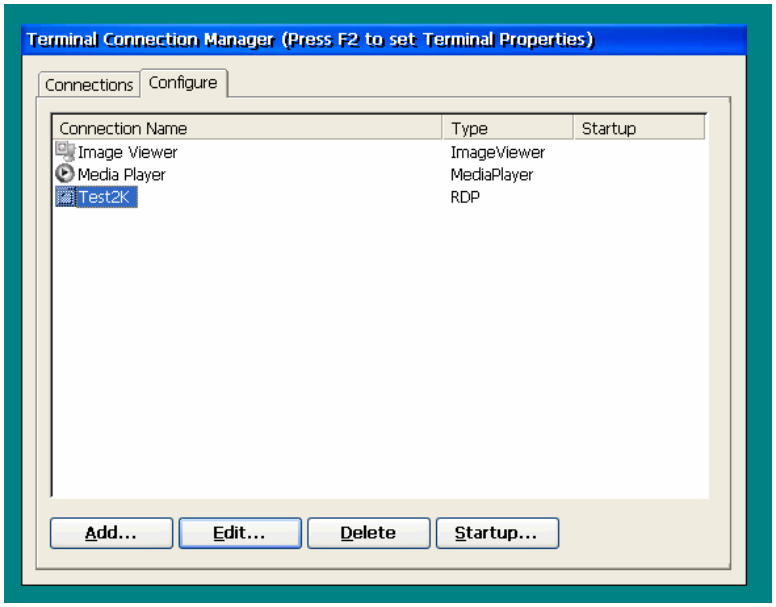
The first step, same as always, this connection must be named.

Make New Connection
Type a name for the connection:
PPPoE
Select the connection type:
To Connection a network of hosts over a simple bridging access device to remote Access Concentrator(A.C.).
< Back
Next >

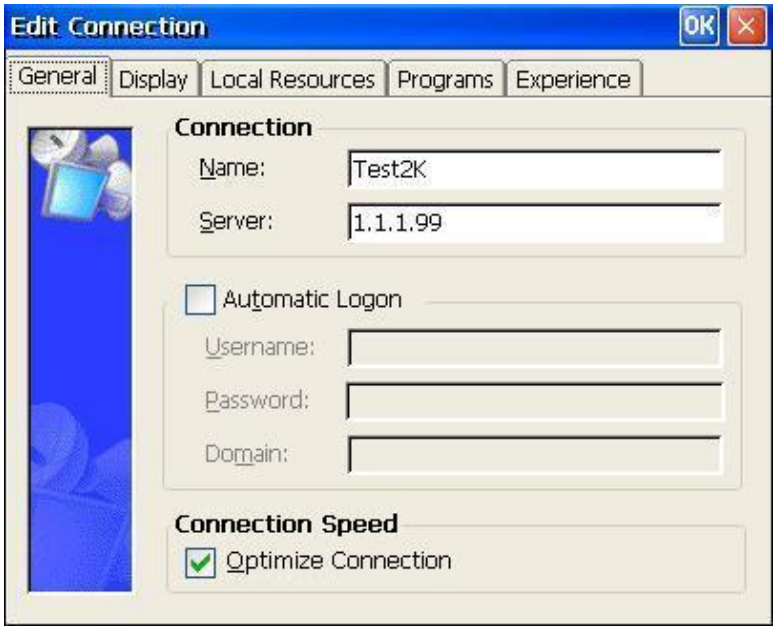
For most PPPoE connection default is set to be PPPoe line 0. If you are unsure which one to use, please contact your network administrator for help.

Configure an existing connection

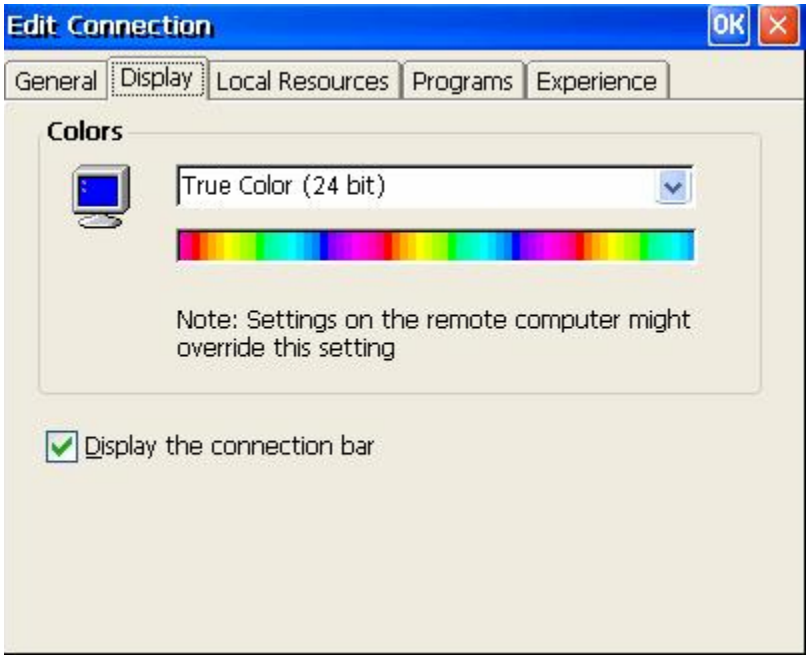
You may edit the pre-made connection, by selecting the [**Configure**]. Once you are in the configure tab select a connection name which needed to be modify then click on [**Edit**]. Let's use RDP connection for example.



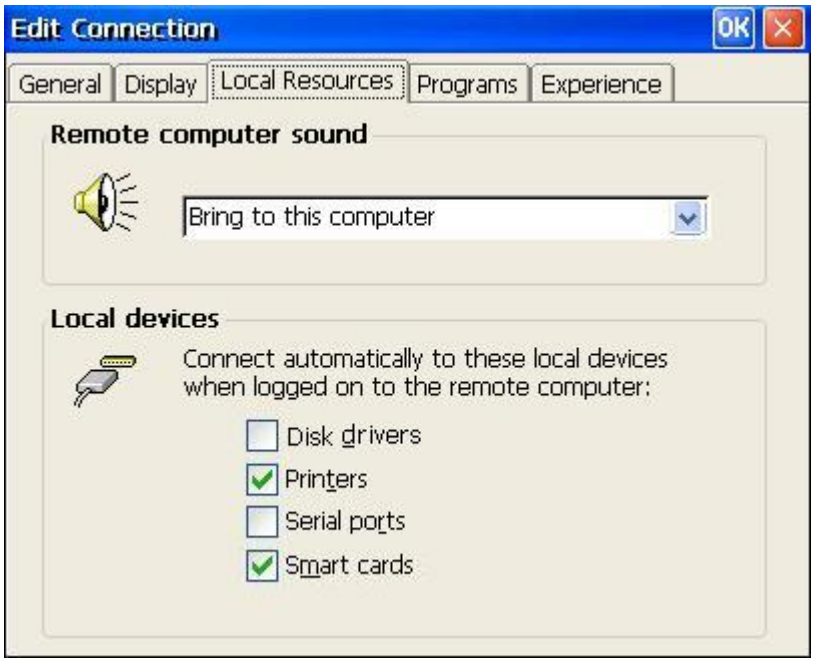
The first option you are allowed to modify will be the [**General**] tab. Under this tab you are allowed to change the connection name and the server IP address. [**Automatic Logon]** may also be changed or leave untouched by unselecting the Automatic logon box.



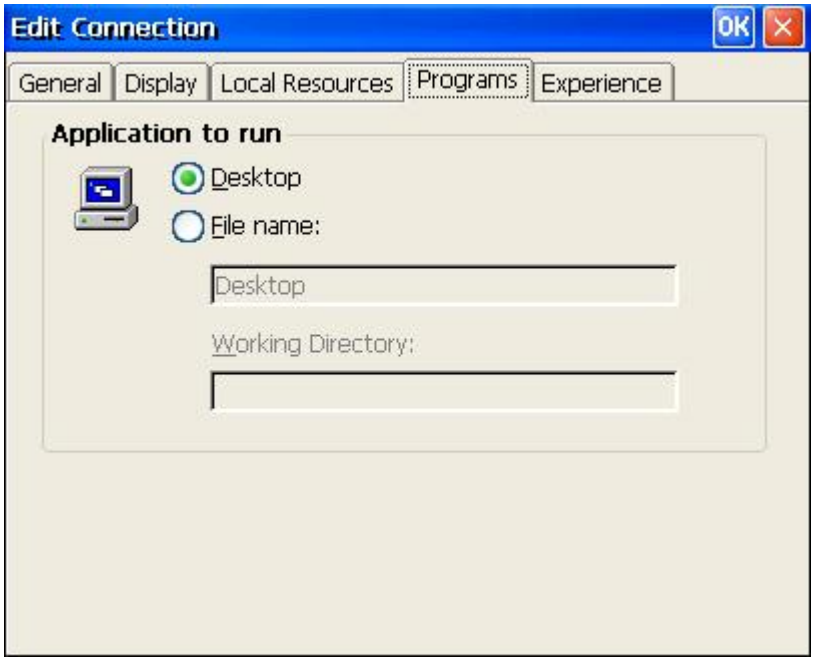
The numbers of color can be edited by selecting the second tab called [**Display**]. Please note that the settings on the remote server might override this setting.



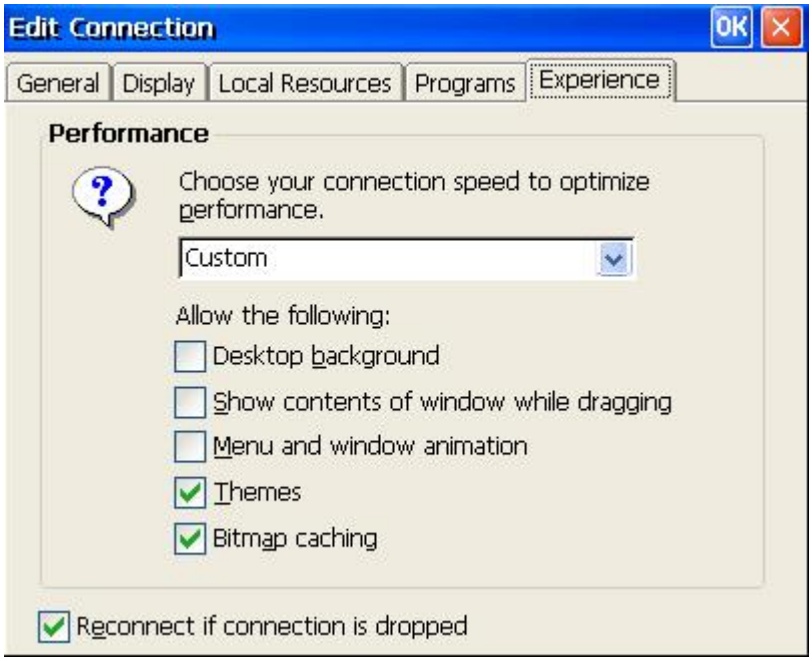
[**Local Resources**] enables the remove server to use the resource from ThinClient. One of the options is the sound option. Remote computer sound can be either played at remote server or at the local ThinClient (if speaker is connected). Second option allows disk mapping. All local devices such as Disk drives, Printers, Serial ports, and Smart cards can be mapped to the server and be used.



[**Programs**] tab, allows startup application be changed. The two options are:
On connect, desktop will be at displayed.
On connect, the specified program will be run. Please always remember to specify the directory the program is located under.

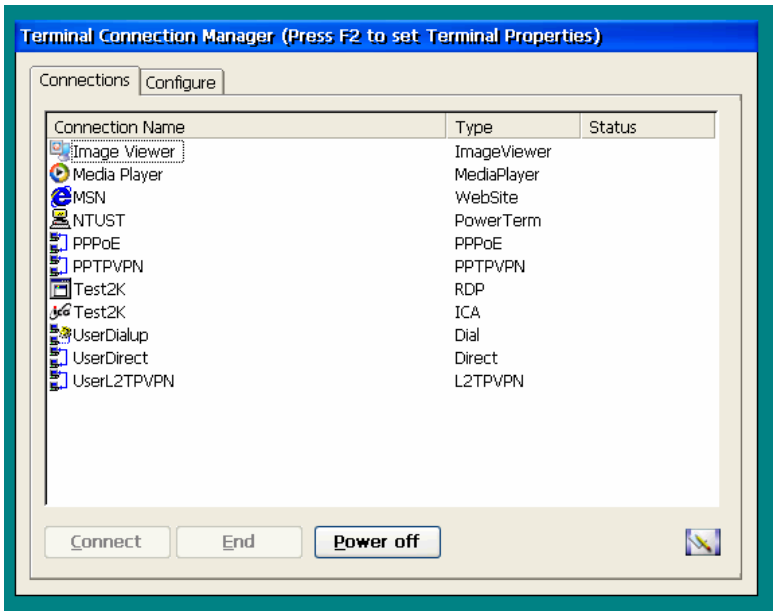


The speed of connection can be modified on the [**Experience**] tab. The amount of network bandwidth required is depended on the number of desktop effect selected. More options selected will consume greater network bandwidth.



Connecting to a server

To establish connection is simple on the ThinClient. First select the [**Connections**] tab on the Terminal Connection Manager and double click on a pre-made connection to connect.



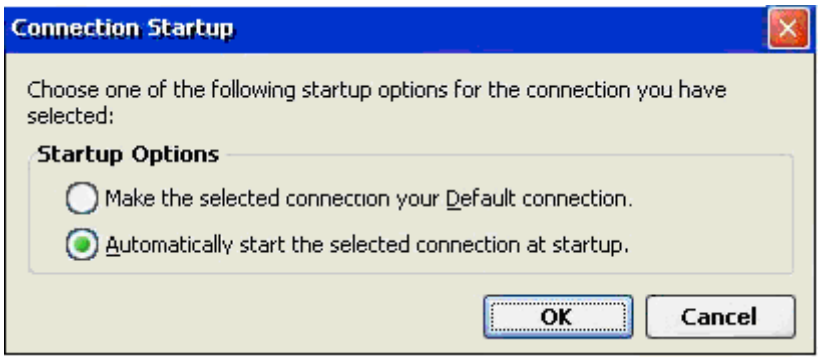
The list view allows the user to view and select connections for the purpose of adding, editing, deleting, or specifying the startup behavior of a connection. If a user double-clicks on a connection in the "**Connection Name**" column, the effect is the same as selecting a connection and pressing the "**Edit**" button. Highlighting a connection and pressing the Enter key also has the same effect as double-click.

Auto Connecting

The Startup button allows the user to specify the startup behavior of a connection. A connection's startup behavior can be either "**Default**" or "**Autostart**". If a connection has been specified Default, it will be pre-selected in the list view when the shell starts up so that the user need only press the Enter key once to startup the connection. If the connection has been specified as Autostart, the behavior is the same as specifying a connection as Default with the one exception being that the shell will automatically start the connection process instead of requiring that the user press the Enter key. If a user does not select a Default connection, the first connection in the list will be specified as the Default connection.

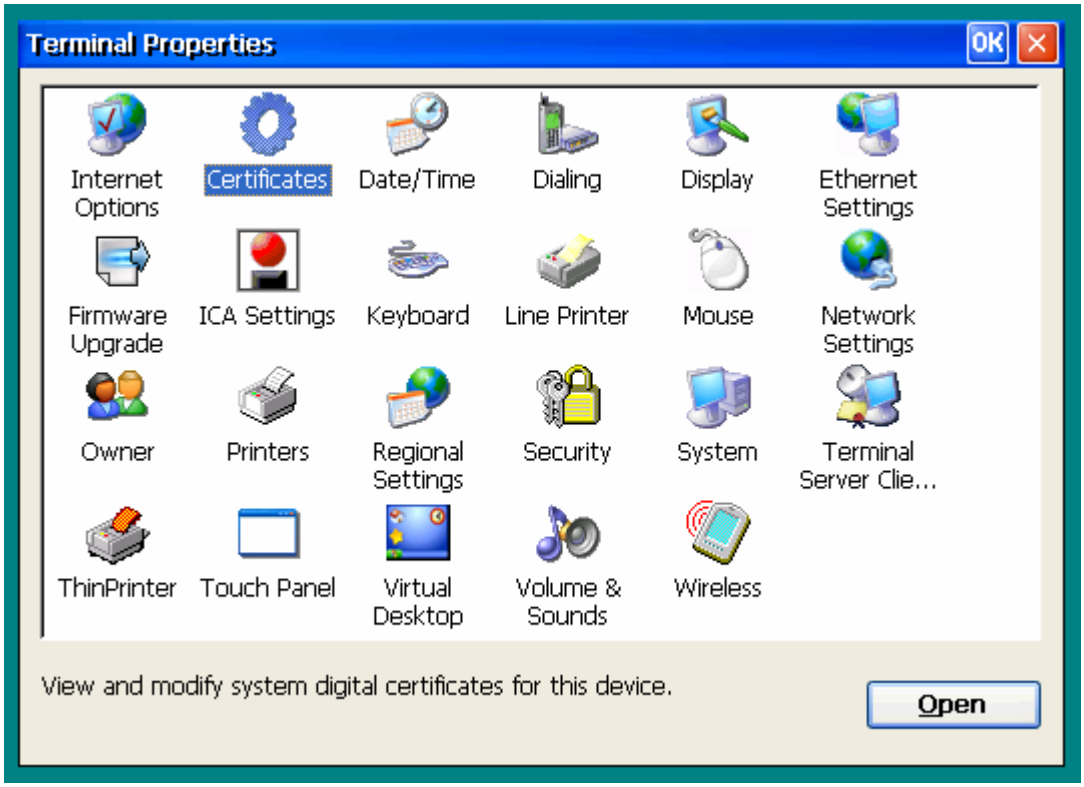
To enable Auto start on a pre-made connection:

1. Select the [**Configure**] Tab
2. Select a pre-made connection.
3. Click on [**Startup..**] and the following will appear


Connection Startup
Choose one of the following startup options for the connection you have selected:
Startup Options
Make the selected connection your Default connection.
Automatically start the selected connection at startup.
OK
Cancel

Changing the Terminal Properties

This chapter explains how to change the Terminal Properties using the Terminal Properties dialog box. Invoke the Terminal Properties dialog box by press “**F2**” key, or click the properties button located on right-bottom of Terminal Connection Manager while Terminal Connection Manager is the most front window.

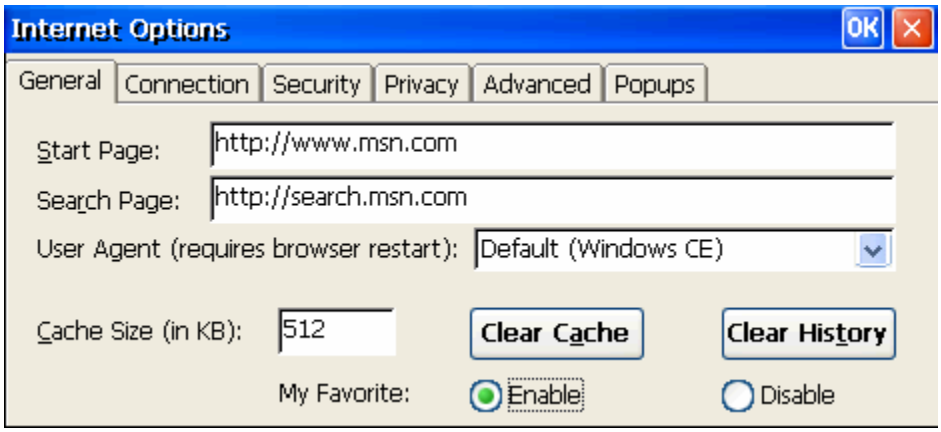


Internet Option

This Control Panel component opens the Internet **Properties** dialog box, where Internet properties can be changed. These properties are organized under five tabs: **General**, **Security**, **Privacy**, **Connections**, **Advanced, and Pop-ups**.

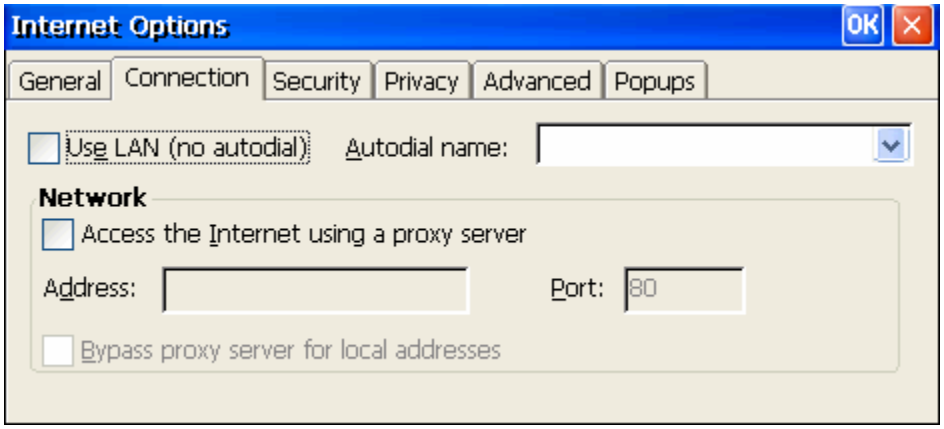
General

Starting page, default search page and History cache can all be set under this menu option. My Favorite link can also be disabled and enable under this menu option.



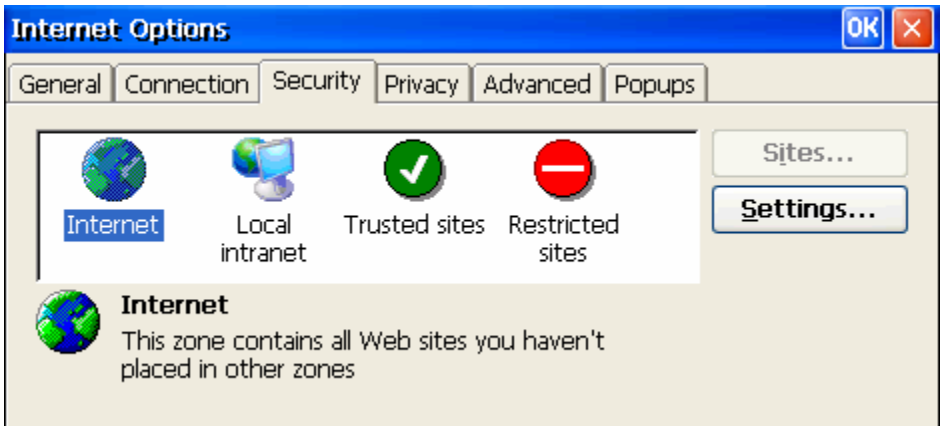
Connection

The connection tab is mostly important for configure proxy settings. If your network requires all out going connections to go through a proxy server first then here is where you can set it.



Security

The security tab is where user configures the trusted sites and restricted sites on Internet Explorer Browser. The additional ActiveX and plug-ins can be found under the settings button.

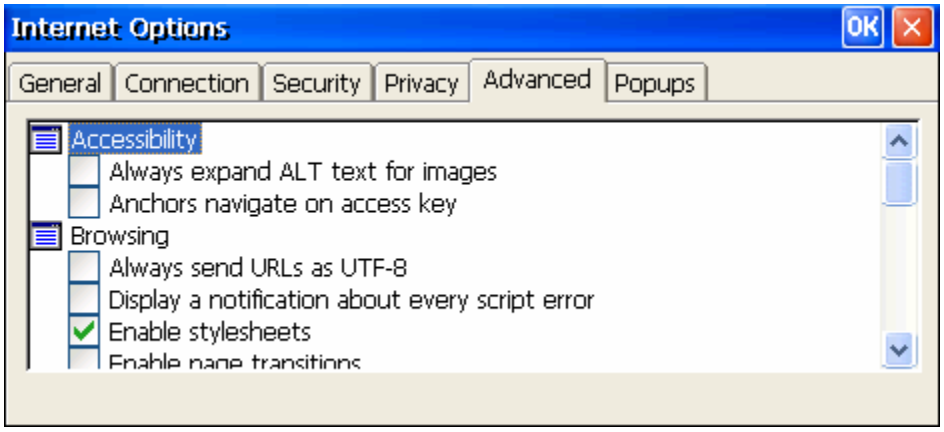


Privacy

Privacy tab contain the cookie settings. This where cookies can be disabled if needed.

Advanced

The advanced tab consists of Accessibility, Browsing, multimedia, Security. If you are new to Thinclient or you don't understand the content at which it contains you should leave this part alone.



Pop-ups

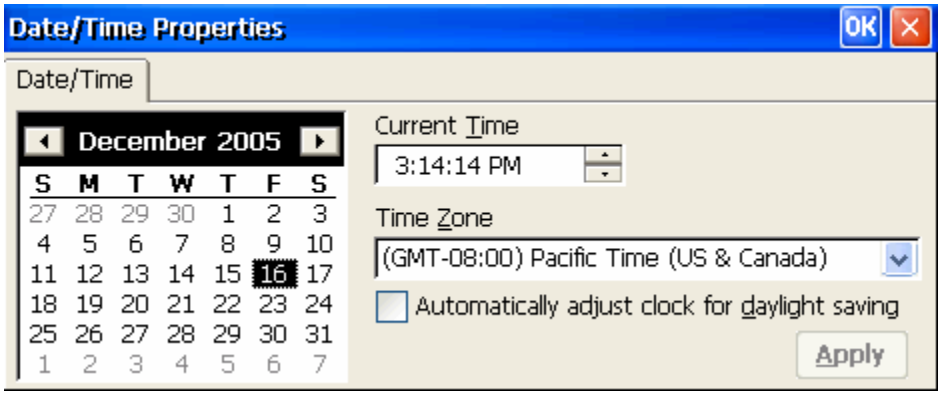
With pop-ups enabled all pop up window from a web site will be automatically blocked.

Certificates

Allows you to manage certificates, trusted certificates can be imported or deleted under this menu option.

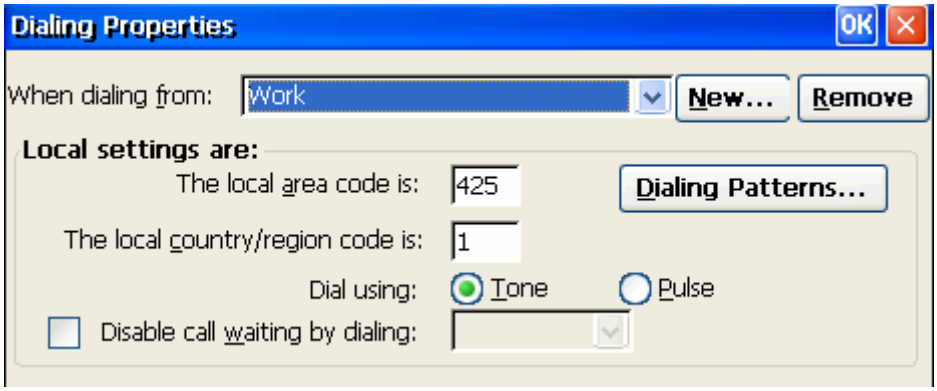
Date/Time

The current time, date and time zone can be set under this menu option. Daylight saving can be enabled here, to fit your time zone.


Date/Time Properties
OK
Date/Time
December 2005
S M T W T F S
27 28 29 30 1 2 3
4 5 6 7 8 9 10
11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30 31
1 2 3 4 5 6 7
Current Time
3:14:14 PM
Time Zone
(GMT-08:00) Pacific Time (US & Canada)
Automatically adjust clock for daylight saving
Apply

Dialing Properties

Dialing properties allows user to configure or add the “calling from” properties. New calling origin can be added to make future dialing easier.

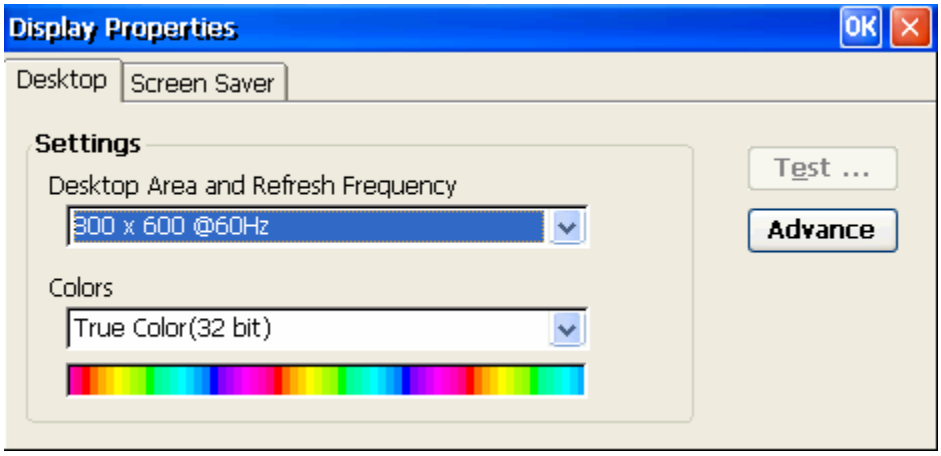


Display

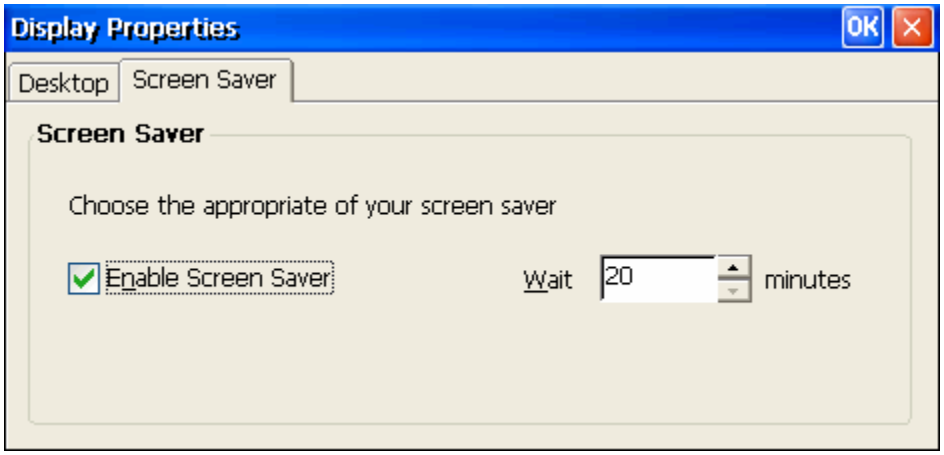
There are two major functions under the display menu option. One is desktop and the second one will be Screen Saver. For Detail information please refer to below.

1. **Desktop**, allows you to change the desktop area and the refresh frequency. Please note that for most standard LCD's desktop area will be at 1024 x 768. The default color will be True Color (32 bit).

Caution: be sure to click on test before you click on ok.



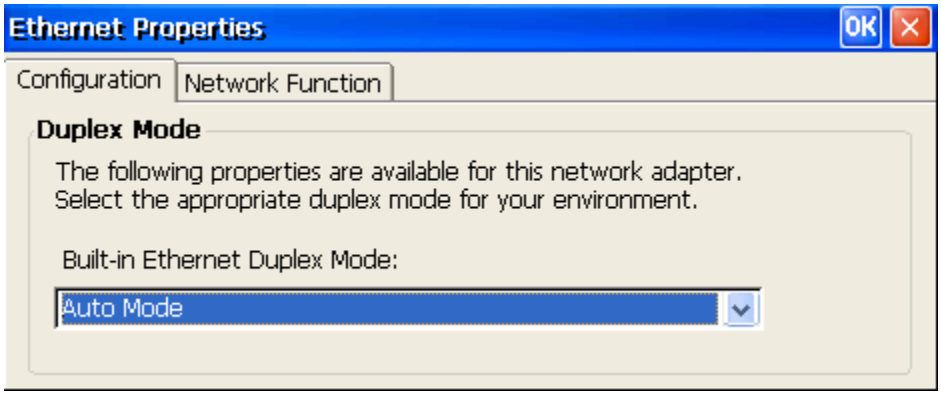
2. **Screen Saver,** enable and disable screen saver. Specifies the idle time must elapse before the selected screen saver is displayed.



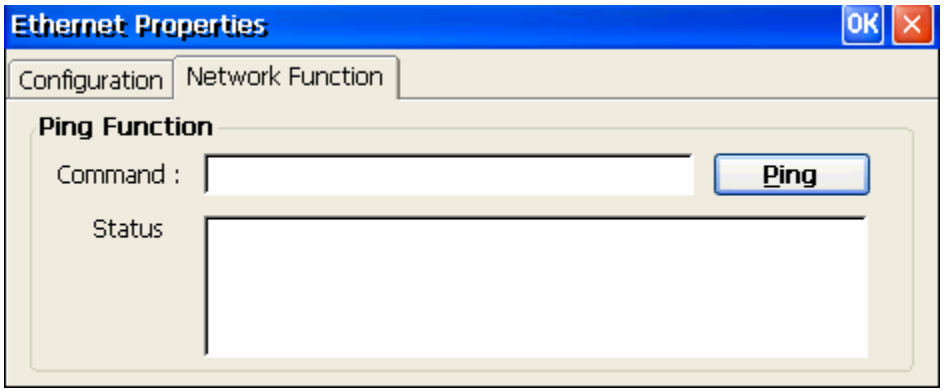
Ethernet Properties

The network properties tab will allow user to test and adjust network connections. Within there are 2 tabs one is configuration tab and the other will be network function tab. The detail of each will be explained at the following.

1. Configuration, allows adjusting network adaptor's duplex mode. By default it should be set at "auto detect".



2. Network Function is made up by the ping command. Ping can be used, whenever a user is in doubt of whether or not there is a network connection.
   In place, next to command, key in the IP address of the destination and press ping to test. The result should be displayed at the status box.



Firmware

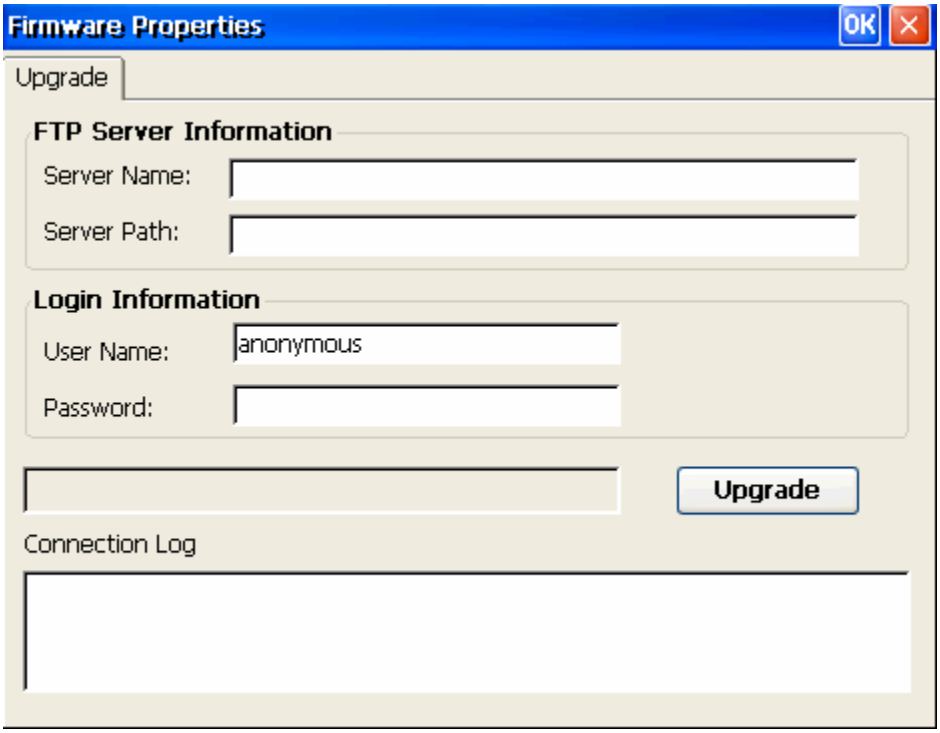
Firmware Properties page allows you to upgrade firmware using a FTP server, in which firmware is downloaded to ThinClient from your FTP server. You must

fill out the FTP server information and Login information in the Firmware Properties page in order to start downloading the firmware image.

Notice: The upgrade process cannot be cancelled once you have started upgrading. ThinClient must be restarted for changes to take effect. The created connection items remain no change and Terminal Properties are reset to the factory defaults settings during the upgrade process.

Following are the steps for upgrading the firmware:

1. Click "**Upgrade**" button to start firmware downloading. After image download finished, a dialog will popup for you to confirm update.
2. Fill in the server name and the server path that you are upgrading to and click the upgrade icon.
3. To confirm upgrade firmware click "**Yes**" button on the dialog box or Click "**No**" button to cancel upgrading.
4. Upgrade process completed.
5. Click "**Reboot**" button to restart the ThinClient

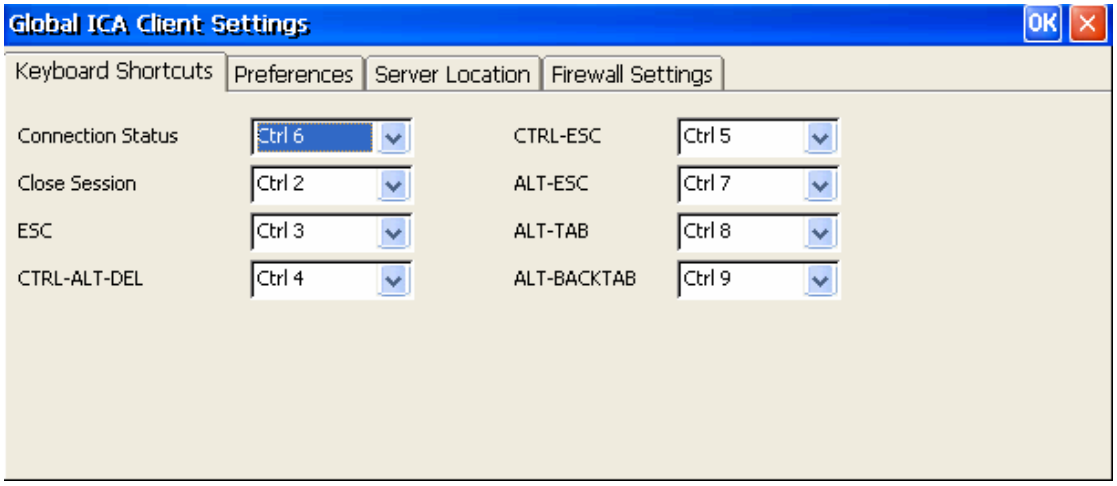


Global ICA Client Settings

ICA's global client settings can be modified by this field. Some tools were added to ensure a more user-friendly environment. Each of the additional function will be explained in detail at the following section.

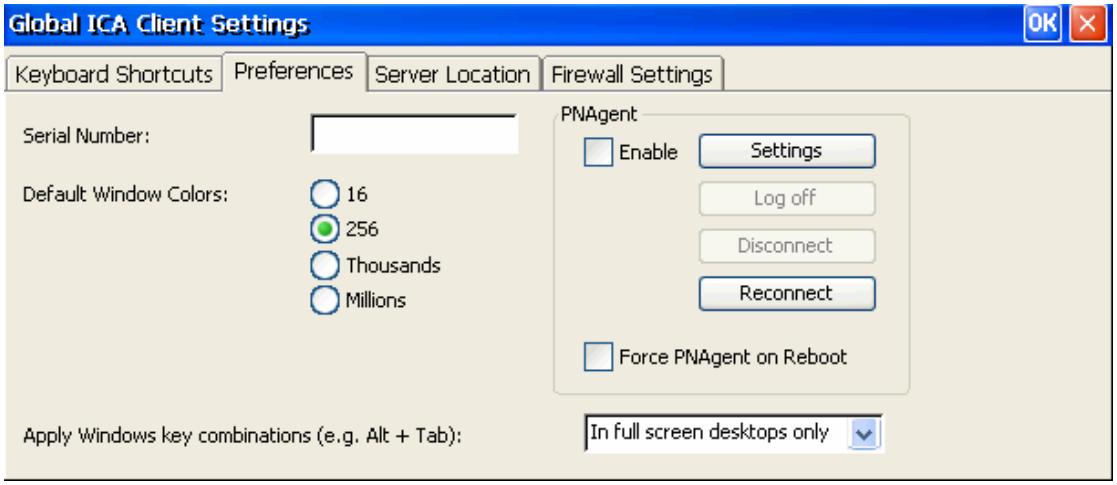
Keyboard Shortcuts

Hotkeys can be set by using Ctrl+number.



Preferences

At the preferences tab, users are allowed to specify at connect, the default number of colors of their desktop, enable or disable PNAgent, and the serial number of their local ThinClient.

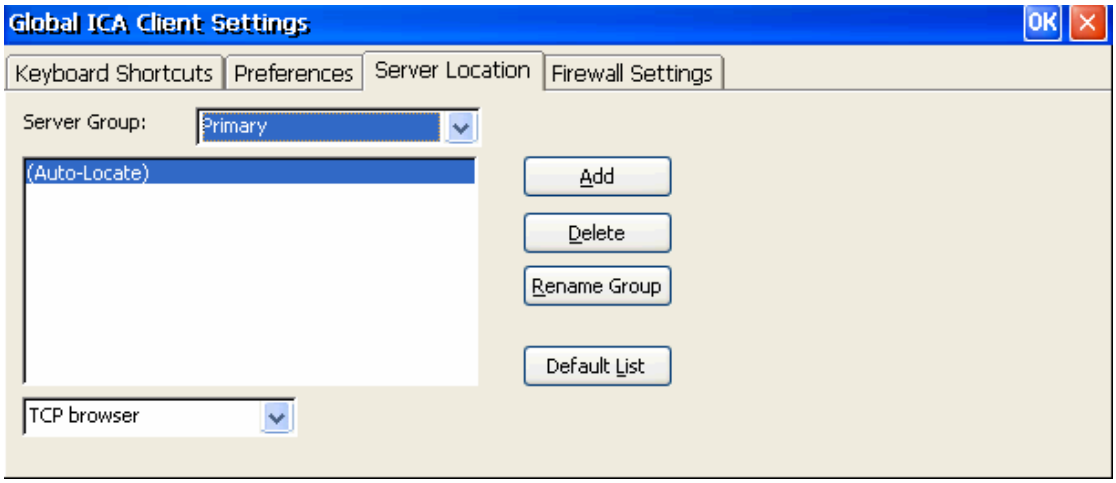


The Program Neighborhood Agent allows users to connect without using a Web browser to a server running the Web Interface and access all published applications across multiple server farms. Users do not have to manually configure a connection to each application as they do with Connection Manager. The Program Neighborhood Agent also provides single sign-on:

when users log on at the start of a session, they do not have to supply their logon credentials again during that session, even if they connect to several different applications. You can update server URLs and configure ICA session settings using the Program Neighborhood Agent, and you can also choose which, if any, of these settings your users can access and modify.

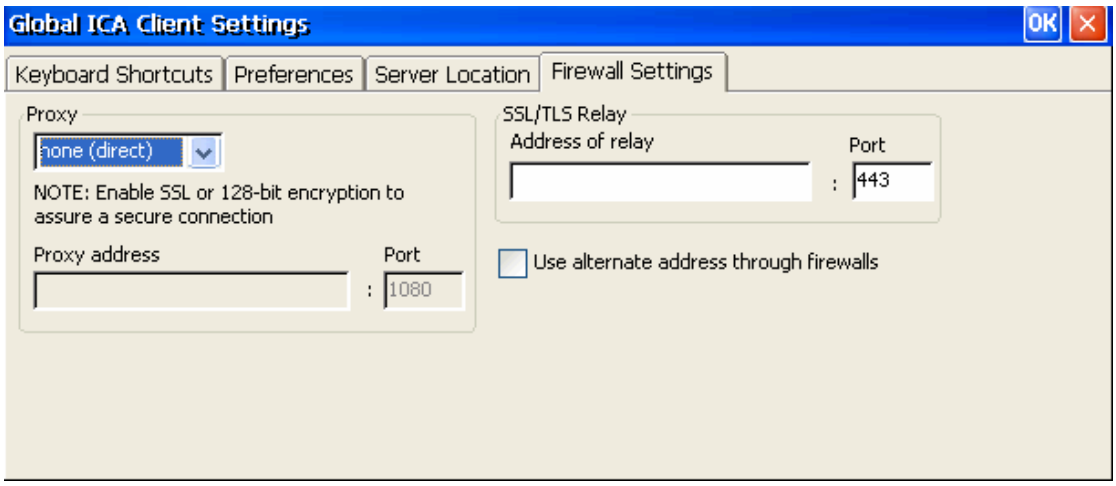
Server Location

The location of your ICA server can be specified or by automatic search. The server location tab allows users to locate ICA servers and group them.



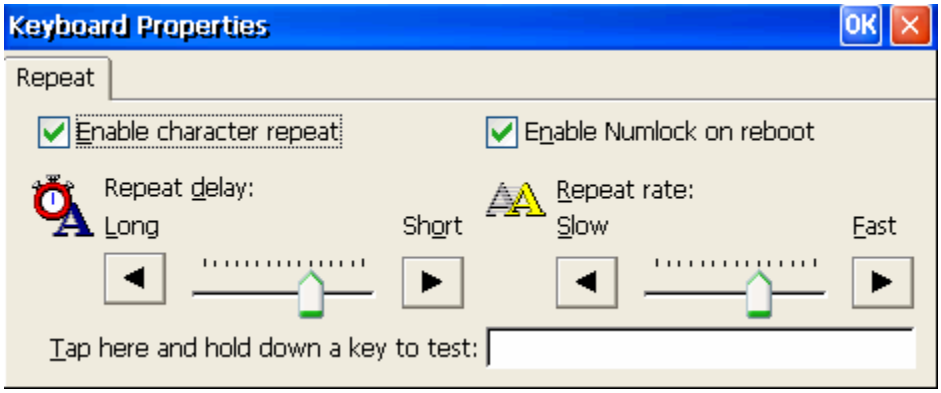
Firewall Settings

Proxy connection method, SSL/TLS relay and proxy server can all be setup within the firewall settings. Contact your network administrator for detail setup of your network.



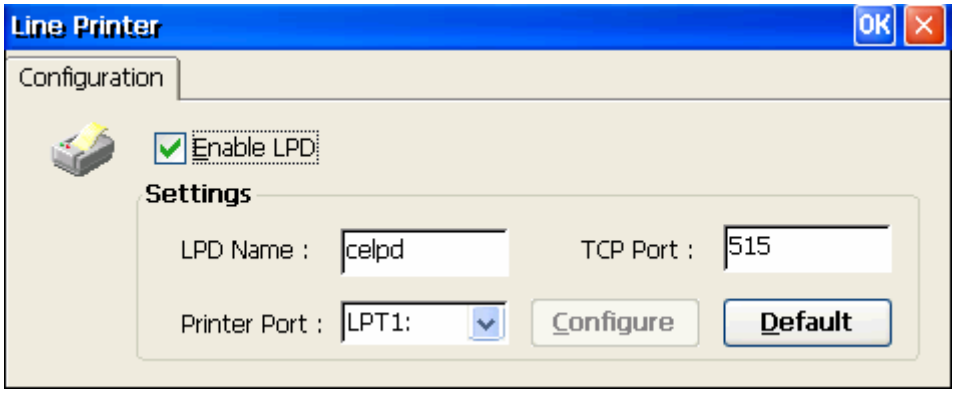
Keyboard Properties

To adjust and configure the behavior of your keyboard



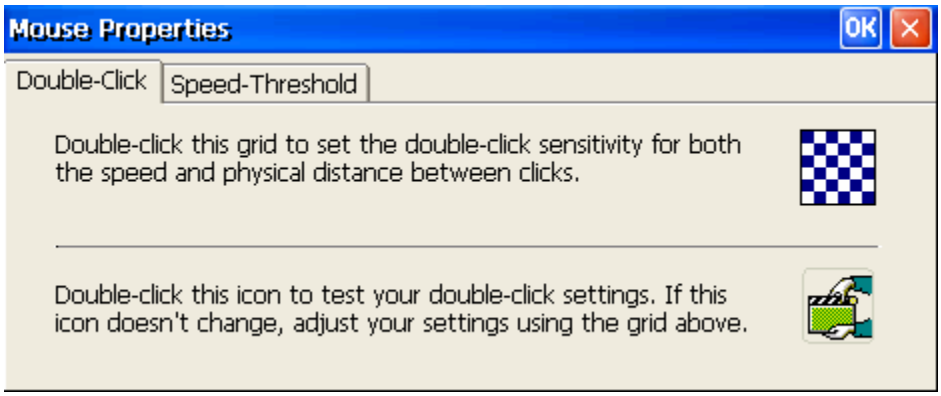
Line Printer

To enable Thinclient's Line Printer, in another word is to use ThinClient as a printer server. Any OS with UNIX printing protocol are allowed to use ThinClient as a printer server.



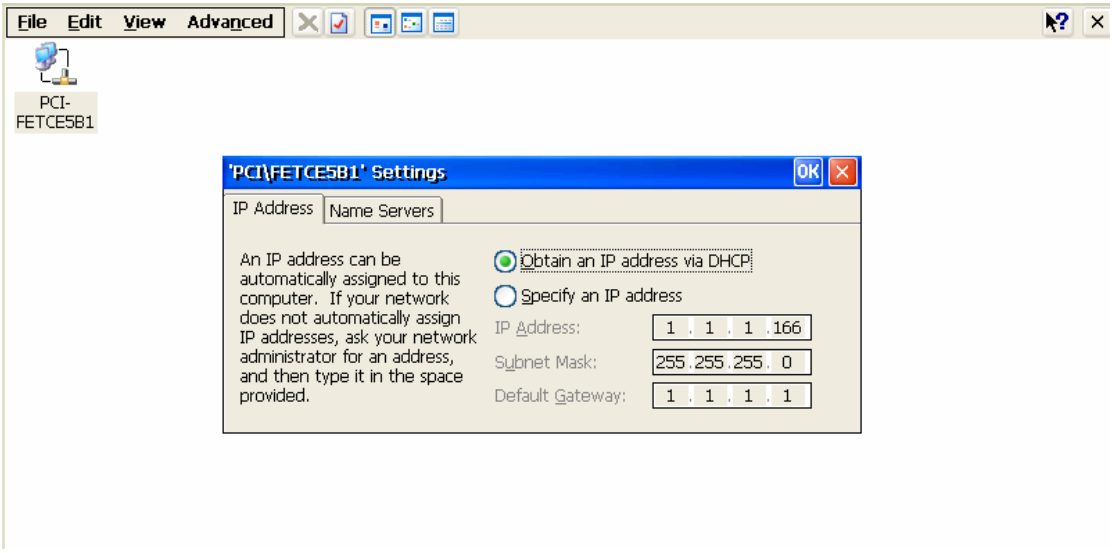
Mouse Properties

Mouse Properties menu option allows adjusting the double click speed and mouse movement of your ThinClient.


Mouse Properties
OK
Double-Click
Speed-Threshold
Double-click this grid to set the double-click sensitivity for both the speed and physical distance between clicks.
Double-click this icon to test your double-click settings. If this icon doesn't change, adjust your settings using the grid above.

Network Settings

Adjust the network settings to fit your network. For detail setup please contact your network administrator for help.


File Edit View Advanced
PCI-FETCE5B1
'PCI\FETCE5B1' Settings
OK
IP Address
Name Servers
An IP address can be automatically assigned to this computer. If your network does not automatically assign IP addresses, ask your network administrator for an address, and then type it in the space provided.
Obtain an IP address via DHCP
Specify an IP address
IP Address: 1 . 1 . 1 . 166
Subnet Mask: 255 . 255 . 255 . 0
Default Gateway: 1 . 1 . 1 . 1

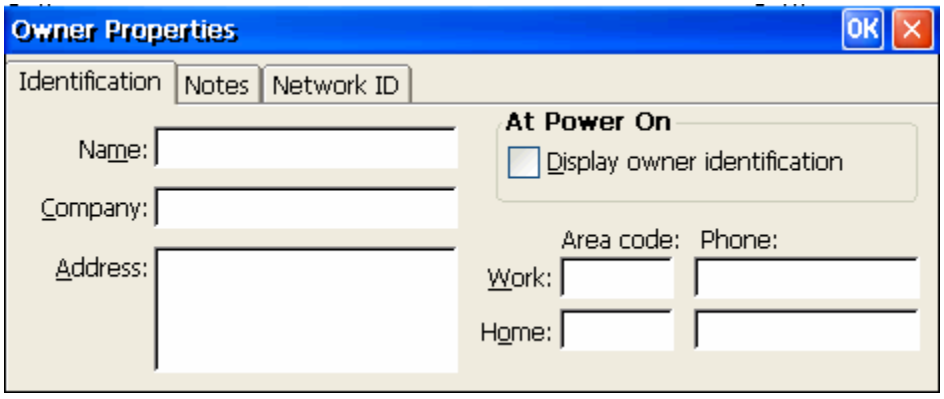
Owner

There are 3 major functions or tab under this menu option. Identification, Notes, Network ID, all plays important role in your network connectives.

Identification allows you to input your company information

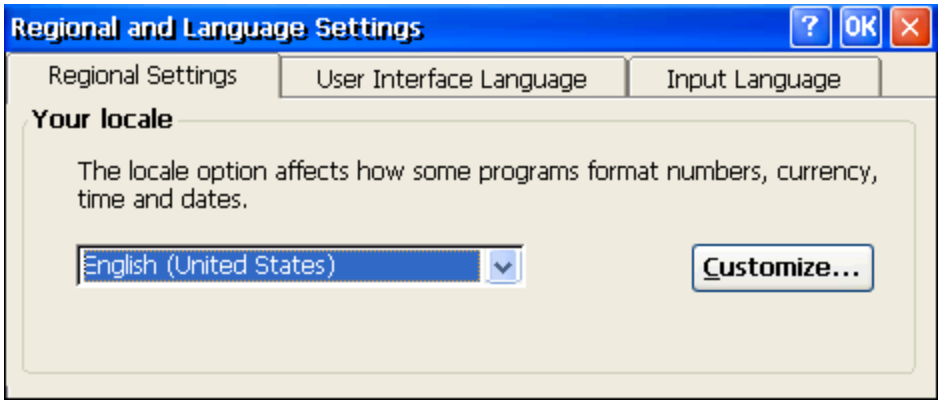
Notes allow you to add any additional information which is not included in the identification tab.

Network ID Windows CE uses this information to gain access to network resources.



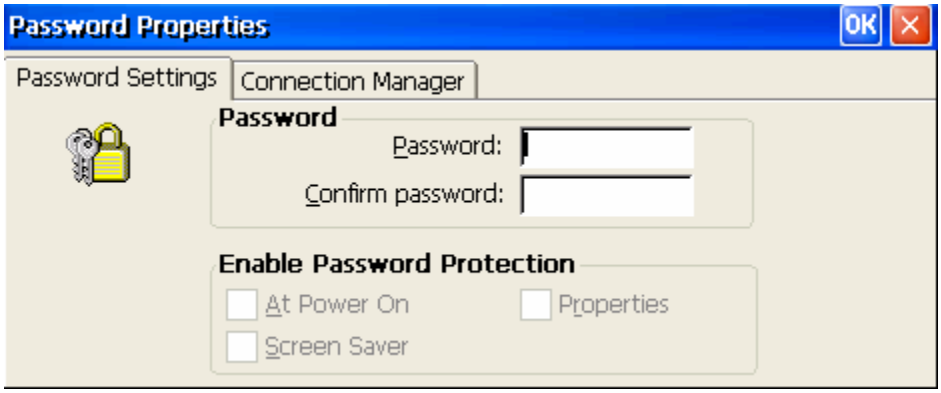
Regional and Language Settings

The Regional and Language allows user to customize to fit their language needs.



Security

Security setting on the menu option protects your ThinClient from unauthorized usage. You can put a password lock on your Thinclient at power on, resume of screen saver, and properties (F2).



System Properties

System information can be obtained from the system properties menu option. The following are the tabs within the system properties.

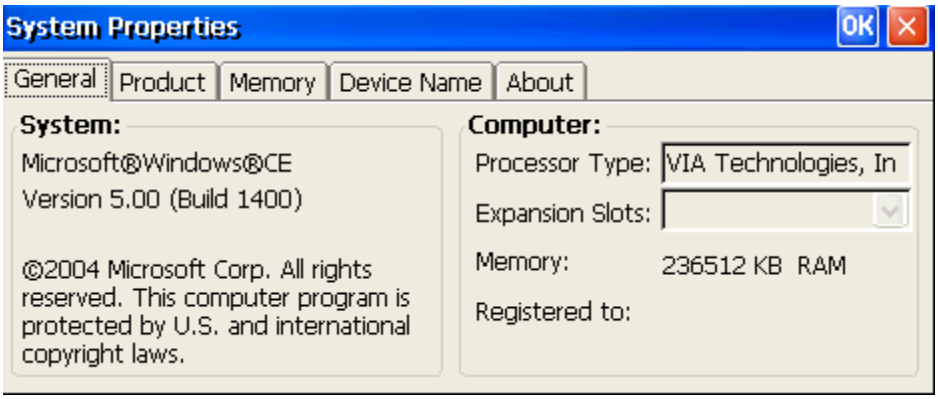
General This tab contains Operation System information and the Processor type.

Product Product Name, Product ID (serial number), firmware version are all part of this tab.

Memory Adjust the memories allocation of your ThinClient. When the slider moves to the right then more memories is dedicated to programs. When the slider moves to the left then more memories is dedicated to storage.

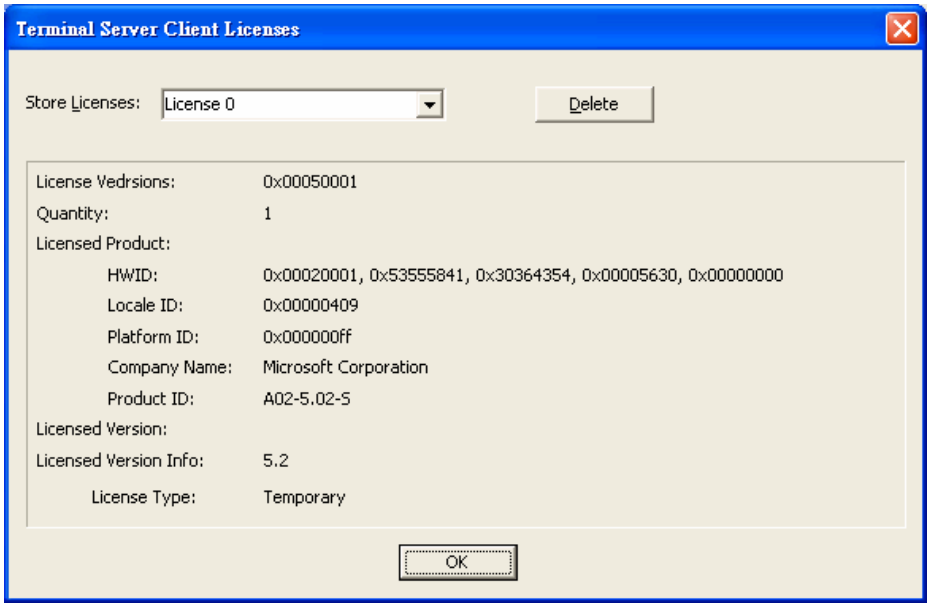
Device Name Used to identify your ThinClient to other computers (computer on the network).

About Displays the manufacture of your ThinClient.



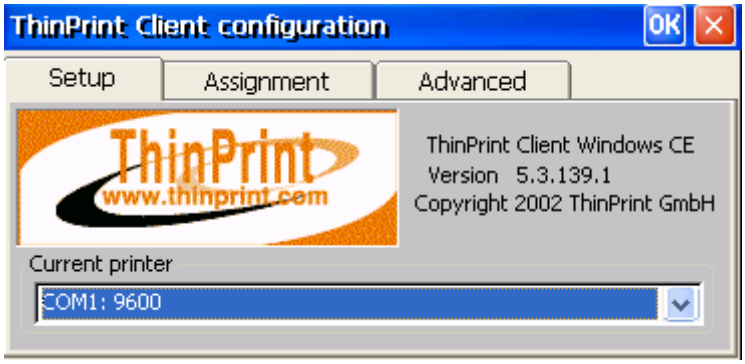
Terminal Server Client Licenses

To view and manage the terminal client licenses that is stored on the ThinClient. These licenses are normally issued by a server that Thinclient connects to.



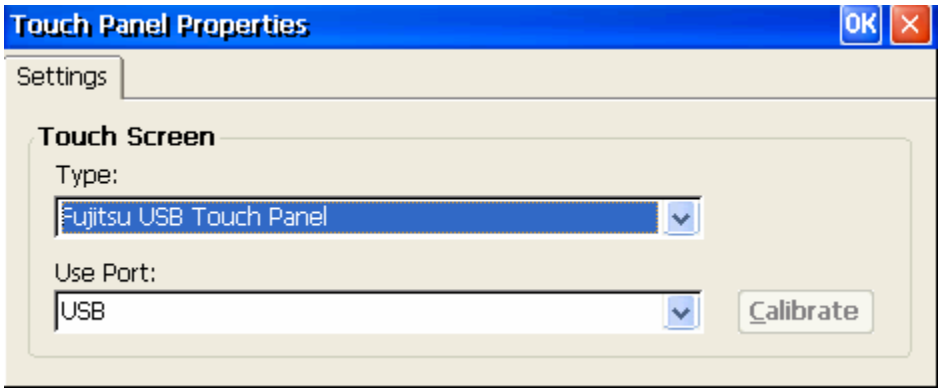
ThinPrint Client Configuration

The basic of ThinPrinter can be configured under this menu option.



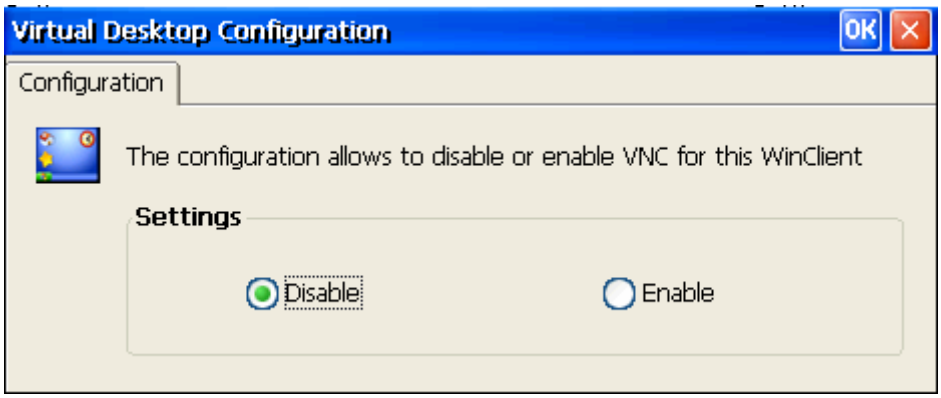
Touch Panel Properties

Your ThinClient is compatible with few selected touch screens. The basic configuration and type selection can be found under the Touch Panel Properties. Once you have selected a touch screen and are ready to put it to use make sure you always want to calibrate it before clicking on OK.



Virtual Desktop

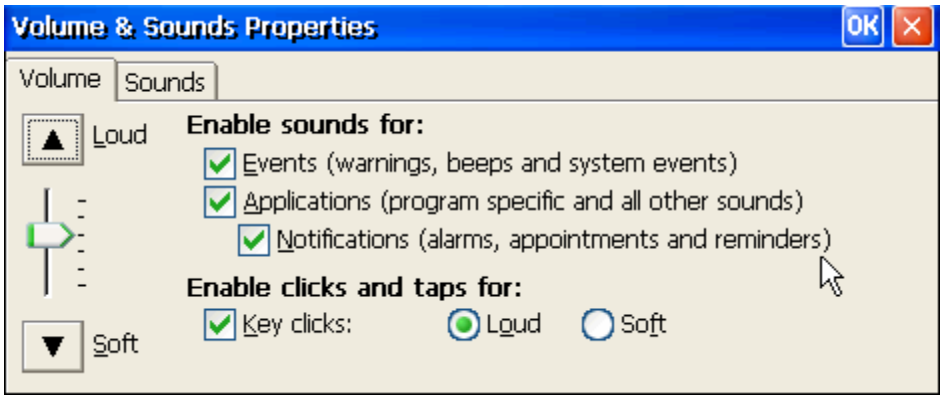
Virtual Desktop allows network administers to monitor the actives on this particular WinClient by VNC viewer. VNC (Virtual Network Computing) Software makes it possible to view and fully-interact with one computer from any other computer or mobile device anywhere on the Internet. VNC software is cross-platform, allowing remote control between different types of computer.



The virtual desktop is disabling by default.

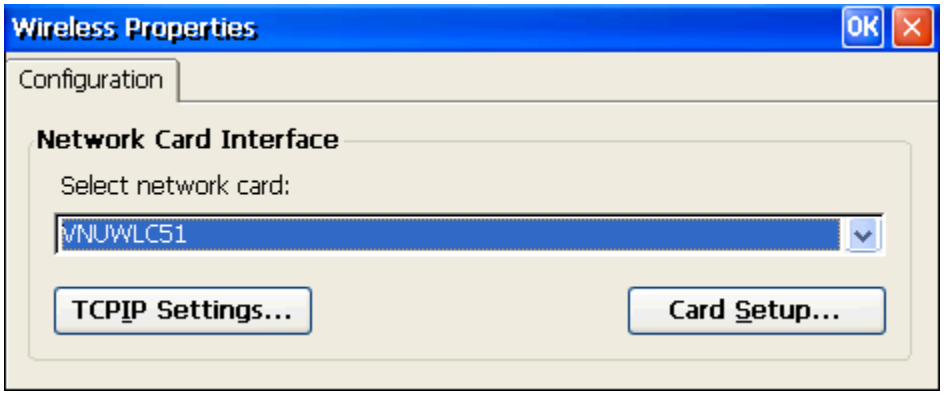
Volume & Sound Properties

Your ThinClient is equipped with built in sound device. To configure the loudness and default built in sounds, double click on the Volume & Sound menu.



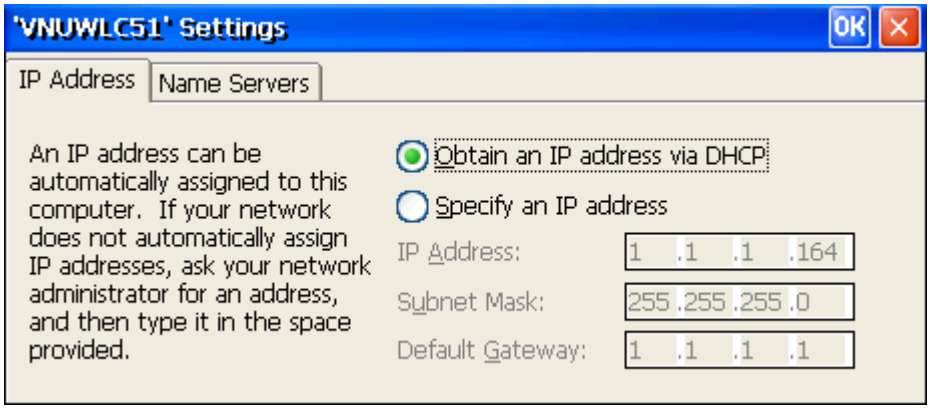
Wireless Properties

Your ThinClient equipped with wireless LAN capability. A few selected wireless LAN will work with your ThinClient.



TCP/IP Settings for Wireless LAN

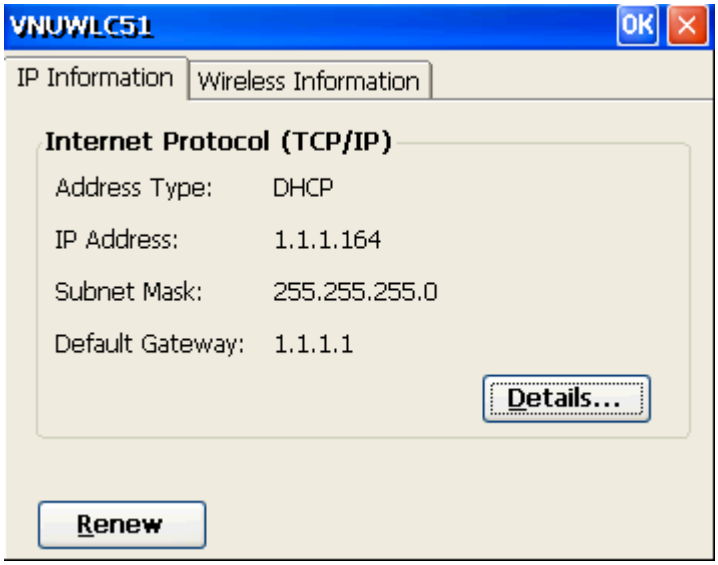
Your wireless LAN TCP/IP setup is located under wireless LAN also in the Network Setting icon under the F2.


'VNUWLC51' Settings
OK
IP Address
Name Servers
An IP address can be automatically assigned to this computer. If your network does not automatically assign IP addresses, ask your network administrator for an address, and then type it in the space provided.
Obtain an IP address via DHCP
Specify an IP address
IP Address:
1 .1 .1 .164
Subnet Mask:
255 .255 .255 .0
Default Gateway:
1 .1 .1 .1

Card Setup

Under the wireless menu and to the lower right you should see Card Setup. This function is used to configure your wireless LAN settings. Within the Card Setup there should be 2 sub menu or tabs. They are IP Information and Wireless Information. For detail explanation of each function, refer to the following and you can select the appropriate access point to for connecting.

IP Information displayed the current IP information of your wireless such as: Address Type, IP Address, Subnet Mask and Default Gateway.



Wireless Information enable user to select a network to connect.

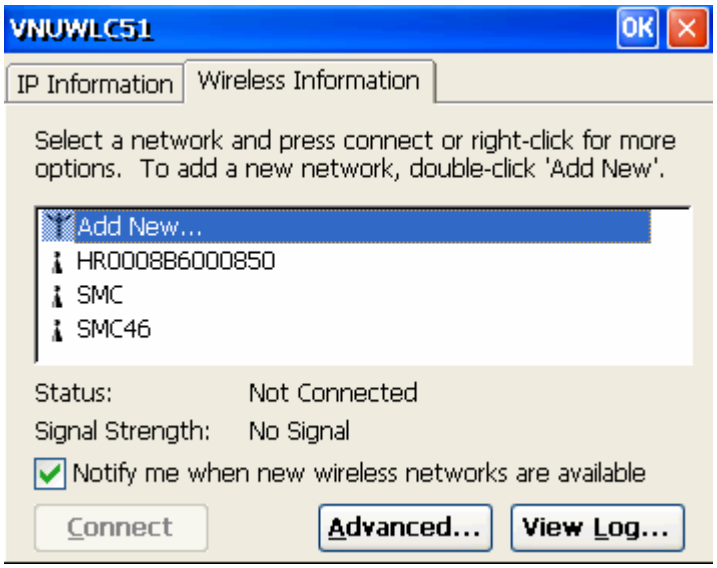
The main window will display the searched network, and user selects a favorite one and press Connect button or right-click for more options like encryption settings. To add a new network, double-click ‘Add New’.

This page consist of Connect, Advanced and View Log functions.

Connect: Press Connect when you select your favorite network.

Advanced: Windows will connect to the available networks; preference will be given to networks at the top of this list.

View Log: List the wireless networking log.



Slave Smart Card for ThinClient

This chapter describes how to use the Smart Card on ThinClients which support smart card features. Smart card reader has been built onto Thin Client series and with its convenient function of “Mobile Connections” and advanced security features, users are able to operate ThinClient anywhere by inserting the smart card which is stored with their own connections. Such function is specially designed for users who have to share thin-client with others.

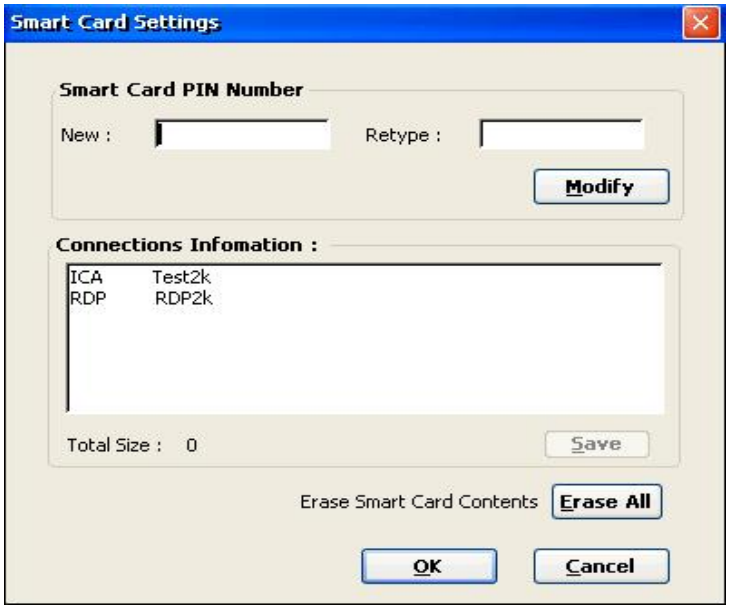
Smart Card Features:

- PIN number is encrypted to the smart card based on the **DES** (Data Encryption Standard).
- The smart card follows ISO-7816-4 standard
- Flexible Mobile connections
- More Security & More Convenient

How to Use the Slave Smart Card on Thin Client

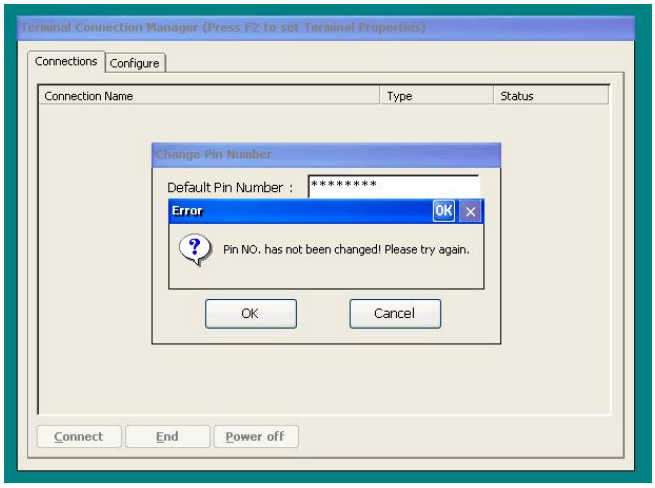
Login with NEW Slave Smart Card

Pin number will need to be changed at the first usage of the smart card for security reasons. Pin number can not exceed 8 characters by default the pin number is “**11111111**”.



Change to a New Pin Number

You must type in the new digit that you wish to change to on the New Pin Number column, and then re-type it to verify on the Confirm Pin Number column. Both numbers must be identical or the system will provide you with the following message.



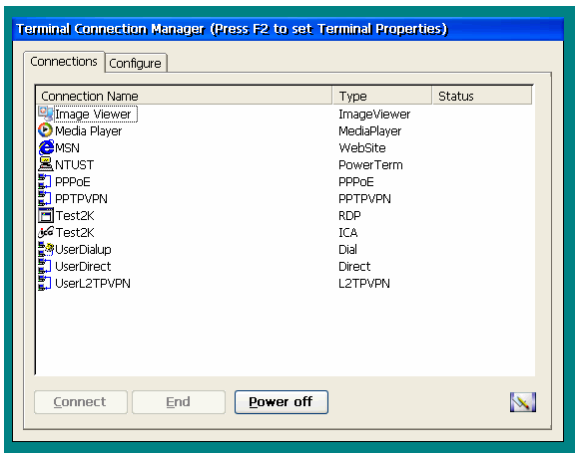
Using smart card on a ThinClient with existing connection

The original connection will be hidden on the ThinClient when smart card is inserted on a ThinClient with residing connection.

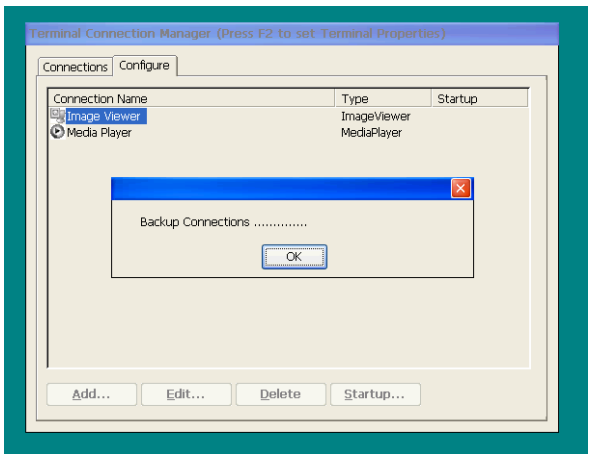
The following method is for using a smart card with exiting connection on the ThinClient.

Insert the smart card into Thin Client at POWER-ON state.

1. Please close all running sessions on ThinClient before the smart card is inserted.
2. The color of the window of **Connection Manager** will turn gray. Then a message saying “backup connections” will appear. This means ThinClient is hiding the original connections

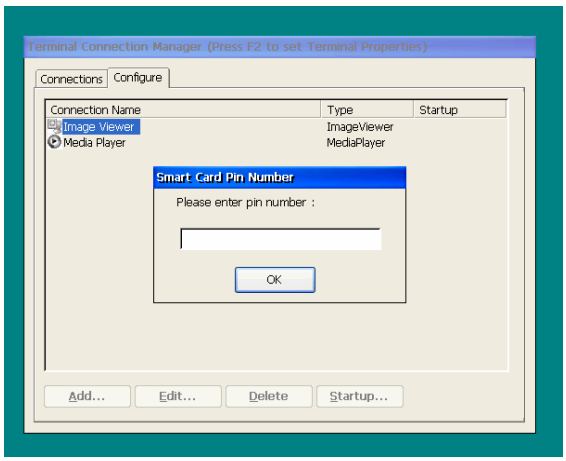


Original Connections



Process of hiding connection

3. PIN Number authentication dialog box will popup after the original connections is successfully hidden. Enter the default PIN Number to login the system.



Notice: The smart card will be locked after three invalid entries. Contact your administrator if the smart card is locked.

4. The connections of smart card will be loaded to system after passing the authentication.
5. Users can now “**Add**”,”**Edit**”,”**Delete**” or “**Connect**”.

Using Smart Card at power on

Insert the smart card to Thin Client on POWER-OFF status.

1. Insert the smart card to Thin Client then power-on the system.
2. After passing the authentication, the connections of smart card will be loaded to system.
3. Now you can add connections, delete connections, connect to a server by using smart card.

Notice: The smart card will be locked after three invalid entries. Contact with administrator if the smart card is locked.

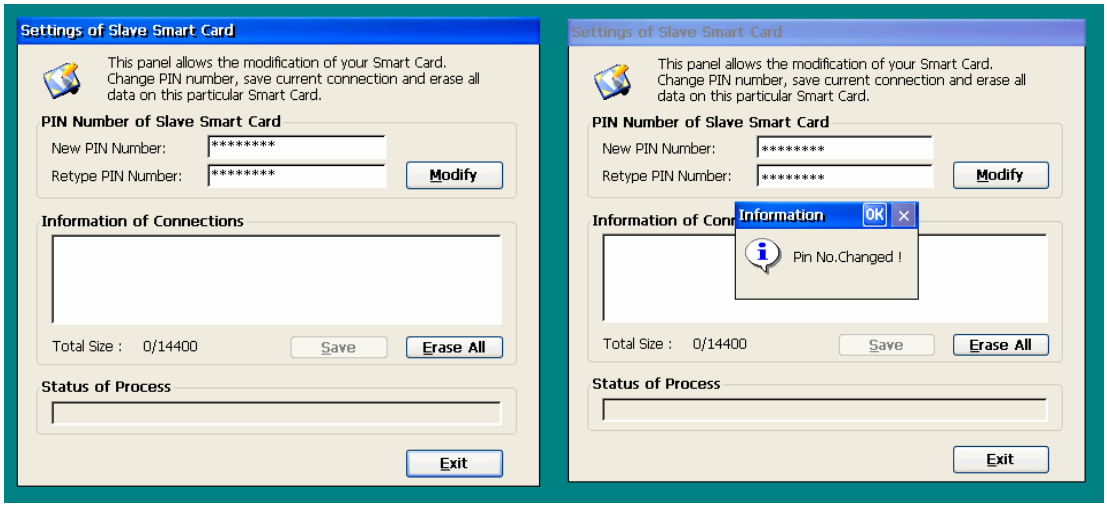
Terminal Smart Card Properties

There are three sections **Smart Card Pin Numbe**r, **Connections Information** and “**Erase Smart Card Contents**” in the smart card properties dialog box.

Smart Card Pin Number

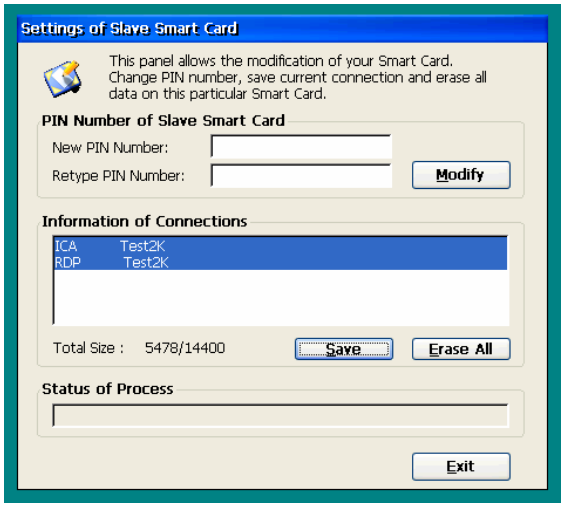
Smart card Pin number function enables users to modify their pin number on the smart card.

1. Into the Smart Card Pin Number section, enter the “**New Pin Number**” & Retype “**New Pin Number**”.
2. Press the “**Modify”** button
3. Wait for Modify completed messages appear.


Settings of Slave Smart Card
This panel allows the modification of your Smart Card. Change PIN number, save current connection and erase all data on this particular Smart Card.
PIN Number of Slave Smart Card
New PIN Number:
Retype PIN Number:
Modify
Information of Connections
Total Size : 0/14400
Save
Erase All
Status of Process
Exit
Information
OK
Pin No.Changed !

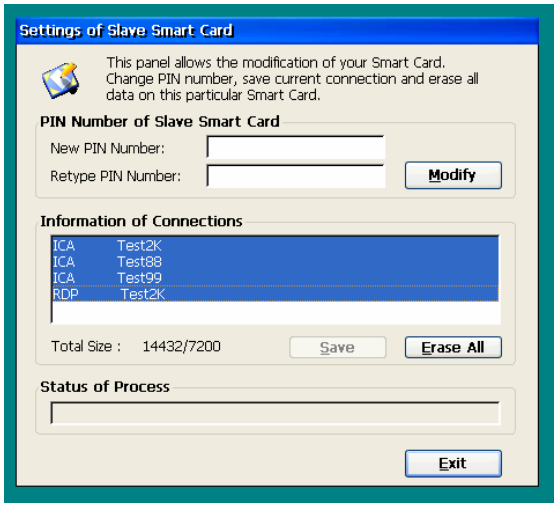
Connection Information

In the connections information section select the connections which you want to save to smart card then click on save.


Settings of Slave Smart Card
This panel allows the modification of your Smart Card.
Change PIN number, save current connection and erase all data on this particular Smart Card.
PIN Number of Slave Smart Card
New PIN Number:
Retype PIN Number:
Modify
Information of Connections
ICA Test2K
RDP Test2K
Total Size : 5478/14400
Save
Erase All
Status of Process
Exit

Notice: The "**Total size**" indicates the total size of the selected connections. There are two kinds of smartcard supported, which are 8KB size and 16K size. If your card is 8KB size, the total size can not exceed to 7KB; if your card is 16KB size, the total size can not exceed to 15KB.

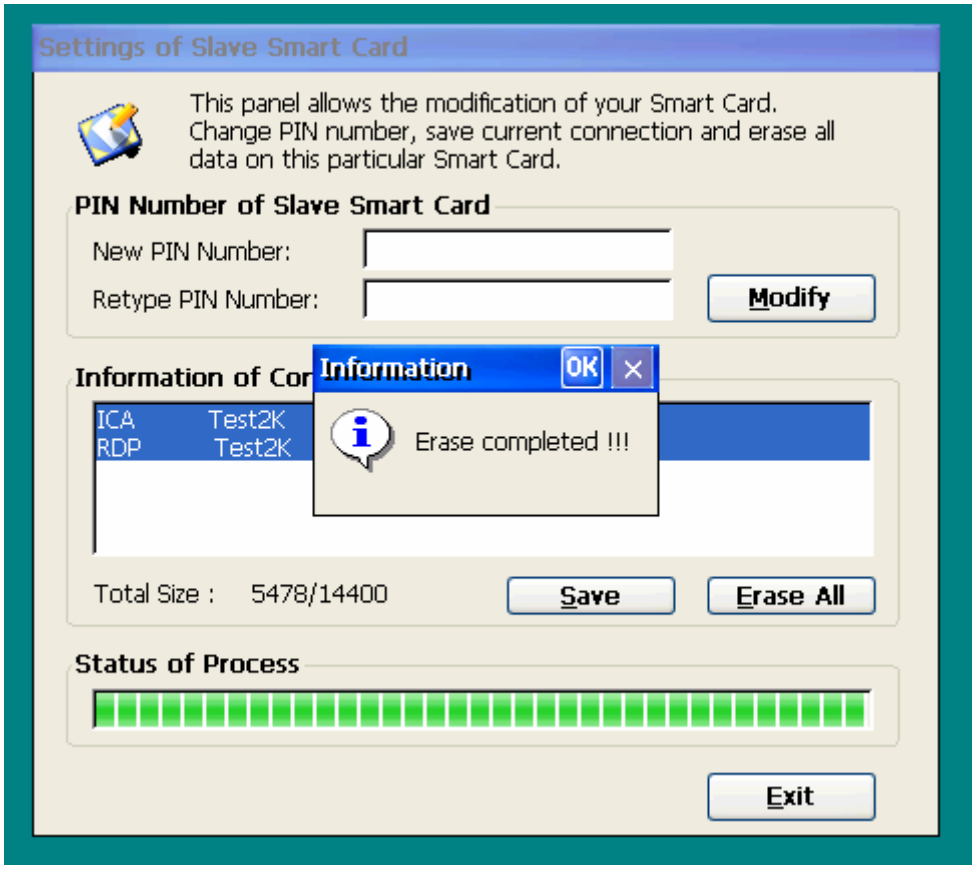
For instance, if your card is 8KB size, and the total size, for example as follow "14432", has exceeded 7KB, the "Save" button will disabled, unselect the connections and keep the total size within 7KB then save again.



After completed the save procedure, you can pull the smart card out of ThinClient.

Erasing Smart card contents

Smart Card Contents can be erased by press “**Erase All**” button in the erase smart card section. All the contents of smart card will be deleted. If only a few connections is wish to be deleted, then select the ones you wish to keep then click on save. All unwanted connection will be deleted.



BIOS Upgrade

This function is used to upgrade BIOS. To upgrade BIOS, follow the steps below.

1 Connect USB floppy to WinClient and put the disk included BIOS image file.
2 Power on WinClient.
3 When BIOS information appears, press “ALT+F2”, the upgrading utility will be appears, and it will search BIOS image from USB floppy automatically. If the image file is searched, the utility starts to upgrade BIOS.
4 After finishing to upgrade, the system will reboot automatically, press “DEL” to enter BIOS menu when reboot. Go to “Load Optimized Defaults” and enter “Y” to restore default settings, and press F10 to save the settings and quit.

*Note: Do not remove USB floppy during upgrading progress.

Operation System Recovery

In TC620/820 series, you can recover operation system by using USB Disk or USB CD-ROM.

Follow the steps to recovery your WinClient as below

1 Prepare recovery tool, USB Disk or USB CD-ROM, You can create those recovery tools by WinClient Remote Manager. For more detail, please refer to WinClient Remote Manager Guide.
2 Connect to WinClient.
3 Power on WinClient.
4 The utility will start to recover your WinClient automatically.
5 After finishing recovering, please remove recovery tool and reboot.

Note: The recovery speed can be enhanced by setting BIOS. Please follow the steps as below:

1 Power on WinClient.
2 Press “DEL” to enter BIOS menu.
3 Go to Integrated Peripherals ➔ VIA OnChip PCI Device.
4 Set USB Ram Allocate to “Shadow”.

Note: Please restore this setting to “Ram Base” after finishing recovering.